



**SecurOS 9.4 R1  
ISS Integrated Device Pack 4.6  
supported hardware list**

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### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
3Svision Network Box Camera	N1011	supported by specification
3Svision Network Box Camera	N1011-C	supported by specification
3Svision Network Box Camera	N1031	supported by specification
3Svision Network Box Camera	N1031-C	supported by specification
3Svision Network Box Camera	N1031-E	supported by specification
3Svision Network Box Camera	N1041-EC	supported by specification
3Svision Network Box Camera	N1072	tested by partner
3Svision Network Box Camera	N1073	supported by specification
3Svision Network Dome Camera	N3011	supported by specification
3Svision Network Dome Camera	N3011-C	supported by specification
3Svision Network Dome Camera	N3011-E	supported by specification
3Svision Network Dome Camera	N3011H-C	supported by specification
3Svision Network Dome Camera	N3011H-E	supported by specification
3Svision Network Dome Camera	N3011M-E	supported by specification
3Svision Network Dome Camera	N3011MH-E	supported by specification
3Svision Network Dome Camera	N3031	supported by specification
3Svision Network Dome Camera	N3031-C	supported by specification
3Svision Network Dome Camera	N3031-E	supported by specification
3Svision Network Dome Camera	N3031H-C	supported by specification
3Svision Network Dome Camera	N3031H-E	supported by specification
3Svision Network Dome Camera	N3031M-E	supported by specification
3Svision Network Dome Camera	N3031MH-E	supported by specification
3Svision Network Dome Camera	N3041-EC	supported by specification
3Svision Network Dome Camera	N3041H-EC	supported by specification
3Svision Network Dome Camera	N3041M-EC	supported by specification
3Svision Network Dome Camera	N3041MH-EC	supported by specification
3Svision Network Dome Camera	N3071	supported by specification
3Svision Network Dome Camera	N3072	supported by specification
3Svision Network Dome Camera	N3073	supported by specification
3Svision Network Dome Camera	N3074	supported by specification
3Svision Network Dome Camera	N3075	supported by specification
3Svision Network Speed Dome Camera	N4011	supported by specification
3Svision Network Speed Dome Camera	N4012	supported by specification
3Svision Network Speed Dome Camera	N4012-E	supported by specification
3Svision Network Speed Dome Camera	N4013	supported by specification
3Svision Network Speed Dome Camera	N5011	supported by specification
3Svision Network Speed Dome Camera	N5012	supported by specification
3Svision Network Speed Dome Camera	N5012-E	supported by specification
3Svision Network Speed Dome Camera	N5013	supported by specification
3Svision Network Speed Dome Camera	N5014-E	supported by specification
3Svision Network Speed Dome Camera	N5071	supported by specification
3Svision Network Speed Dome Camera	N5072	supported by specification
3Svision Network IR Bullet Camera	N6011	supported by specification
3Svision Network IR Bullet Camera	N6012-C	supported by specification
3Svision Network IR Bullet Camera	N6013	supported by specification
3Svision Network IR Bullet Camera	N6013-A	supported by specification
3Svision Network IR Bullet Camera	N6013-C	supported by specification
3Svision Network IR Bullet Camera	N6013-E	supported by specification
3Svision Network IR Bullet Camera	N6013H-C	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
3Svision Network IR Bullet Camera	N6013H-E	supported by specification
3Svision Network IR Bullet Camera	N6013M-E	supported by specification
3Svision Network IR Bullet Camera	N6013MH-E	supported by specification
3Svision Network IR Bullet Camera	N6015	supported by specification
3Svision Network IR Bullet Camera	N6017-C	supported by specification
3Svision Network IR Bullet Camera	N6017-E	supported by specification
3Svision Network IR Bullet Camera	N6017M-E	supported by specification
3Svision Network IR Bullet Camera	N6019	supported by specification
3Svision Network IR Bullet Camera	N6019-X	supported by specification
3Svision Network IR Bullet Camera	N6031	supported by specification
3Svision Network IR Bullet Camera	N6032-C	supported by specification
3Svision Network IR Bullet Camera	N6033	supported by specification
3Svision Network IR Bullet Camera	N6033-C	supported by specification
3Svision Network IR Bullet Camera	N6033-E	supported by specification
3Svision Network IR Bullet Camera	N6033H-C	supported by specification
3Svision Network IR Bullet Camera	N6033H-E	supported by specification
3Svision Network IR Bullet Camera	N6033M-E	supported by specification
3Svision Network IR Bullet Camera	N6033MH-E	supported by specification
3Svision Network IR Bullet Camera	N6035	supported by specification
3Svision Network IR Bullet Camera	N6037	supported by specification
3Svision Network IR Bullet Camera	N6037-C	supported by specification
3Svision Network IR Bullet Camera	N6037-E	supported by specification
3Svision Network IR Bullet Camera	N6037M-E	supported by specification
3Svision Network IR Bullet Camera	N6038	supported by specification
3Svision Network IR Bullet Camera	N6042-EC	supported by specification
3Svision Network IR Bullet Camera	N6043-EC	supported by specification
3Svision Network IR Bullet Camera	N6043H-EC	supported by specification
3Svision Network IR Bullet Camera	N6043M-EC	supported by specification
3Svision Network IR Bullet Camera	N6043MH-EC	supported by specification
3Svision Network IR Bullet Camera	N6047-EC	supported by specification
3Svision Network IR Bullet Camera	N6047M-EC	supported by specification
3Svision Network IR Bullet Camera	N6071	supported by specification
3Svision Network IR Bullet Camera	N6072	supported by specification
3Svision Network IR Bullet Camera	N6073	supported by specification
3Svision Network IR Bullet Camera	N6074	supported by specification
3Svision Network IR Bullet Camera	N6075	supported by specification
3Svision Network IR Bullet Camera	N6076	supported by specification
3Svision Network IR Bullet Camera	N6077	supported by specification
3Svision Network IR Bullet Camera	N6078	supported by specification
3Svision Network IR Bullet Camera	N6079	supported by specification
3Svision Network IR Bullet Camera	N6082	supported by specification
3Svision Network Cube Camera	N8011	supported by specification
3Svision Network Cube Camera	N8011W	supported by specification
3Svision Network Cube Camera	N8012	supported by specification
3Svision Network Cube Camera	N8012W	supported by specification
3Svision Network Cube Camera	N8031	supported by specification
3Svision Network Cube Camera	N8031W	supported by specification
3Svision Network Cube Camera	N8032	supported by specification
3Svision Network Cube Camera	N8032W	supported by specification
3Svision Network Cube Camera	N8071	supported by specification

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**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
3Svision Network Cube Camera	N8071-C	supported by specification
3Svision Network Cube Camera	N8072	supported by specification
3Svision Network Cube Camera	N8072-C	supported by specification
3Svision Network Dome Camera	N9011-C	supported by specification
3Svision Network Dome Camera	N9012	supported by specification
3Svision Network Dome Camera	N9012-C	supported by specification
3Svision Network Dome Camera	N9013-C	supported by specification
3Svision Network Dome Camera	N9013-E	supported by specification
3Svision Network Fisheye Camera	N9015-R	supported by specification
3Svision Network Fisheye Camera	N9018-R	supported by specification
3Svision Network Dome Camera	N9031-C	supported by specification
3Svision Network Dome Camera	N9032	supported by specification
3Svision Network Dome Camera	N9032-C	supported by specification
3Svision Network Dome Camera	N9033	supported by specification
3Svision Network Dome Camera	N9033-C	supported by specification
3Svision Network Dome Camera	N9033-E	supported by specification
3Svision Network Dome Camera	N9034	supported by specification
3Svision Network Fisheye Camera	N9035-R	supported by specification
3Svision Network Fisheye Camera	N9038-R	supported by specification
3Svision Network Dome Camera	N9041-EC	supported by specification
3Svision Network Dome Camera	N9042-EC	supported by specification
3Svision Network Dome Camera	N9043-EC	supported by specification
3Svision Network Dome Camera	N9071	ver.V1.05_STD-1
3Svision Network Dome Camera	N9071-C	supported by specification
3Svision Network Dome Camera	N9073	supported by specification
3Svision Network Dome Camera	N9074	supported by specification
3Svision Network Dome Camera	N9082	supported by specification
3Svision Network Dome Camera	N9085	supported by specification
3Svision Network Encoder	S2071	supported by specification
3Svision Network Encoder	S4071	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

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**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Box Camera	A21	supported by specification
ACTi Box Camera	A22	supported by specification
ACTi Box Camera	A23	supported by specification
ACTi Box Camera	A24	supported by specification
ACTi Bullet Camera	A31	supported by specification
ACTi Zoom Bullet Camera	A41	supported by specification
ACTi Zoom Bullet Camera	A42	supported by specification
ACTi Zoom Bullet Camera	A43	supported by specification
ACTi Zoom Dome Camera	A81	supported by specification
ACTi Zoom Dome Camera	A82	supported by specification
ACTi Zoom Dome Camera	A83	supported by specification
ACTi Zoom Box Camera	B21	A1D-500-V6.06.16-AC
ACTi Zoom Box Camera	B210	A1D-500-V6.08.12-AC
ACTi Zoom Box Camera	B214	supported by specification
ACTi Zoom Box Camera	B215	supported by specification
ACTi Zoom Box Camera	B22	A1D-500-V6.08.11-AC
ACTi Zoom Box Camera	B23	A1D-500-V6.08.12-AC
ACTi Zoom Box Camera	B24	A1D-500-V6.06.16-AC
ACTi Zoom Box Camera	B25	A1D-500-V6.06.16-AC
ACTi Zoom Box Camera	B27	A1D-500-V6.06.16-AC
ACTi Zoom Bullet Camera	B41	A1D-500-V6.06.16-AC
ACTi Zoom Bullet Camera	B410	supported by specification
ACTi Zoom Bullet Camera	B415	supported by specification
ACTi Zoom Bullet Camera	B416	supported by specification
ACTi Zoom Bullet Camera	B44	A1D-500-V6.06.16-AC
ACTi Zoom Bullet Camera	B45	A1D-500-V6.06.16-AC
ACTi Zoom Bullet Camera	B46	A1D-500-V6.08.12-AC
ACTi Zoom Bullet Camera	B47	A1D-500-V6.06.07-AC
ACTi Zoom Bullet Camera	B49	A1D-500-V6.08.12-AC
ACTi Dome Camera	B51	A1D-500-V6.06.14-AC
ACTi Hemispheric Dome Camera	B511	supported by specification
ACTi Dome Camera	B52	A1D-500-V6.06.14-AC
ACTi Dome Camera	B53	A1D-500-V6.06.13-AC
ACTi Hemispheric Dome Camera	B54	A1D-500-V6.06.16-AC
ACTi Hemispheric Dome Camera	B55	A1D-500-V6.06.10-AC
ACTi Hemispheric Dome Camera	B56	A1D-500-V6.06.10-AC
ACTi Hemispheric Dome Camera	B57	supported by specification
ACTi Hemispheric Dome Camera	B57A	supported by specification
ACTi Hemispheric Dome Camera	B59	supported by specification
ACTi Hemispheric Dome Camera	B59A	supported by specification
ACTi Zoom Dome Camera	B61	A1D-500-V6.06.10-AC
ACTi Zoom Dome Camera	B62	A1D-500-V6.09.16-AC
ACTi Zoom Dome Camera	B63	supported by specification
ACTi Zoom Dome Camera	B64	A1D-500-V6.06.10-AC
ACTi Zoom Dome Camera	B65	A1D-500-V6.06.10-AC
ACTi Zoom Dome Camera	B67	A1D-500-V6.06.07-AC
ACTi Dome Camera	B71	supported by specification
ACTi Hemispheric Dome Camera	B74	supported by specification
ACTi Hemispheric Dome Camera	B74A	supported by specification
ACTi Hemispheric Dome Camera	B76	supported by specification
ACTi Hemispheric Dome Camera	B76A	supported by specification
ACTi Hemispheric Dome Camera	B77	supported by specification
ACTi Hemispheric Dome Camera	B77A	supported by specification
ACTi Zoom Dome Camera	B81	A1D-500-V6.06.07-AC
ACTi Zoom Dome Camera	B82	A1D-500-V6.09.16-AC
ACTi Zoom Dome Camera	B83	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

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**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Zoom Dome Camera	B84	A1D-500-V6.06.10-AC
ACTi Zoom Dome Camera	B85	A1D-500-V6.06.10-AC
ACTi Zoom Dome Camera	B87	A1D-500-V6.06.10-AC
ACTi Mini PTZ Camera	B910	A1D-500-V6.09.16-AC
ACTi Mini PTZ Camera	B914	supported by specification
ACTi Mini PTZ Camera	B915	supported by specification
ACTi PTZ Camera	B916	supported by specification
ACTi PTZ Camera	B917	supported by specification
ACTi Mini PTZ Camera	B923	supported by specification
ACTi Mini Speed Dome	B924	supported by specification
ACTi Speed Dome	B930	supported by specification
ACTi Speed Dome	B931	supported by specification
ACTi Speed Dome	B934	supported by specification
ACTi Mini PTZ Camera	B94	A1D-500-V6.06.10-AC
ACTi Speed Dome	B945	supported by specification
ACTi Speed Dome	B946	supported by specification
ACTi Speed Dome	B949	supported by specification
ACTi Mini PTZ Camera	B94A	supported by specification
ACTi Mini PTZ Camera	B95	A1D-500-V6.06.10-AC
ACTi Speed Dome	B950	supported by specification
ACTi Mini PTZ Camera	B95A	supported by specification
ACTi Mini PTZ Camera	B96	A1D-500-V6.06.13-AC
ACTi Mini PTZ Camera	B96A	supported by specification
ACTi Mini PTZ Camera	B97	A1D-500-V6.06.13-AC
ACTi Mini PTZ Camera	B97A	supported by specification
ACTi Cube Camera	C11W	supported by specification
ACTi Cube Camera	D11	A1D-500-V6.06.16-AC
ACTi Cube Camera	D12	A1D-500-V6.06.16-AC
ACTi Box Camera	D21F	A1D-500-V6.06.16-AC
ACTi Box Camera	D21FA	A1D-500-V6.06.16-AC
ACTi Box Camera	D21V	A1D-500-V6.06.16-AC
ACTi Box Camera	D21VA	A1D-500-V6.06.16-AC
ACTi Box Camera	D22F	A1D-500-V6.06.16-AC
ACTi Box Camera	D22FA	A1D-500-V6.06.16-AC
ACTi Box Camera	D22V	A1D-500-V6.06.16-AC
ACTi Box Camera	D22VA	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D31	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D32	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D41	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D41A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D42	A1D-500-V6.06.16-AC
ACTi Bullet Camera	D42A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D51	A1D-500-V6.06.16-AC
ACTi Dome Camera	D52	A1D-500-V6.06.16-AC
ACTi Dome Camera	D54	A1D-500-V6.06.07-AC
ACTi Dome Camera	D55	A1D-500-V6.06.16-AC
ACTi Dome Camera	D61	A1D-500-V6.06.16-AC
ACTi Dome Camera	D61A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D62	A1D-500-V6.06.16-AC
ACTi Dome Camera	D62A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D64	A1D-500-V6.06.16-AC
ACTi Dome Camera	D64A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D65	A1D-500-V6.06.16-AC
ACTi Dome Camera	D65A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D71	A1D-500-V6.06.07-AC
ACTi Dome Camera	D71A	A1D-500-V6.06.02-AC
ACTi Dome Camera	D72	A1D-500-V6.06.16-AC

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Dome Camera	D72A	A1D-500-V6.06.16-AC
ACTi Dome Camera	D81	A1D-500-V6.06.02-AC
ACTi Dome Camera	D81A	A1D-500-V6.06.02-AC
ACTi Dome Camera	D82	A1D-500-V6.06.16-AC
ACTi Dome Camera	D82A	A1D-500-V6.06.16-AC
ACTi Mini Dome Camera	D91	A1D-500-V6.06.16-AC
ACTi Mini Dome Camera	D92	A1D-500-V6.06.16-AC
ACTi Cube Camera	E11	A1D-500-V6.06.16-AC
ACTi Cube Camera	E11A	supported by specification
ACTi Cube Camera	E12	A1D-500-V6.07.17-AC
ACTi Cube Camera	E12A	A1D-500-V6.07.17-AC
ACTi Cube Camera	E13	A1D-500-V6.07.16-AC
ACTi Cube Camera	E13A	A1D-500-V6.07.16-AC
ACTi Cube Camera	E14	A1D-500-V6.06.16-AC
ACTi Fisheye Cube Camera	E15	A1D-500-V6.08.11-AC
ACTi Fisheye Cube Camera	E16	A1D-500-V6.08.11-AC
ACTi Zoom Box Camera	E210	supported by specification
ACTi Zoom Box Camera	E213	A1D-500-V6.08.12-AC
ACTi Zoom Box Camera	E215	A1D-500-V6.08.12-AC
ACTi Box Camera	E217	supported by specification
ACTi Zoom Box Camera	E219	supported by specification
ACTi Box Camera	E21F	A1D-500-V6.06.16-AC
ACTi Box Camera	E21FA	A1D-500-V6.06.16-AC
ACTi Box Camera	E21V	A1D-500-V6.06.16-AC
ACTi Box Camera	E21VA	A1D-500-V6.06.16-AC
ACTi Box Camera	E222	supported by specification
ACTi Zoom Box Camera	E223	A1D-500-V6.08.11-AC
ACTi Box Camera	E22F	A1D-500-V6.06.16-AC
ACTi Box Camera	E22FA	A1D-500-V6.06.16-AC
ACTi Box Camera	E22V	A1D-500-V6.06.16-AC
ACTi Box Camera	E22VA	A1D-500-V6.06.16-AC
ACTi Box Camera	E23	A1D-500-V6.09.18-AC
ACTi Box Camera	E23A	A1D-500-V6.09.18-AC
ACTi Box Camera	E23B	A1D-500-V6.09.18-AC
ACTi Box Camera	E24	A1D-500-V6.06.16-AC
ACTi Box Camera	E24A	A1D-500-V6.06.16-AC
ACTi Box Camera	E25	A1D-500-V6.06.16-AC
ACTi Box Camera	E25A	A1D-500-V6.06.16-AC
ACTi Box Camera	E270	A1D-500-V6.06.16-AC
ACTi Box Camera	E271	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E31	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E31A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E32	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E32A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E33	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E33A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E34	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E34A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E35	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E36	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E37	A1D-500-V6.06.16-AC
ACTi Mini Bullet Camera	E38	supported by specification
ACTi Bullet Camera	E39	supported by specification
ACTi Bullet Camera	E41	A1D-500-V6.06.13-AC
ACTi Zoom Bullet Camera	E413	A1D-500-V6.08.12-AC
ACTi Zoom Bullet Camera	E415	A1D-500-V6.08.11-AC
ACTi Zoom Bullet Camera	E416	supported by specification



**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Zoom Bullet Camera	E417	supported by specification
ACTi Zoom Bullet Camera	E418	A1D-500-V6.08.11-AC
ACTi Bullet Camera	E41A	A1D-500-V6.06.13-AC
ACTi Bullet Camera	E41B	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E42	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E42A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E42B	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E43	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E43A	supported by specification
ACTi Bullet Camera	E43B	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E44	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E44A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E45	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E45A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E46	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E46A	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E47	A1D-500-V6.06.16-AC
ACTi Bullet Camera	E48	A1D-500-V6.08.11-AC
ACTi Dome Camera	E51	A1D-500-V6.07.04-AC
ACTi Dome Camera	E52	A1D-500-V6.06.13-AC
ACTi Dome Camera	E53	A1D-500-V6.06.13-AC
ACTi Dome Camera	E54	A1D-500-V6.06.16-AC
ACTi Dome Camera	E56	A1D-500-V6.06.16-AC
ACTi Dome Camera	E57	A1D-500-V6.06.13-AC
ACTi Dome Camera	E58	A1D-500-V6.06.16-AC
ACTi Dome Camera	E59	A1D-500-V6.06.13-AC
ACTi Dome Camera	E61	A1D-500-V6.06.13-AC
ACTi Dome Camera	E610	A1D-500-V6.06.13-AC
ACTi Zoom Dome Camera	E616	supported by specification
ACTi Zoom Dome Camera	E617	A1D-500-V6.08.11-AC
ACTi Zoom Dome Camera	E618	A1D-500-V6.08.12-AC
ACTi Dome Camera	E61A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E62	A1D-500-V6.06.16-AC
ACTi Zoom Dome Camera	E621	A1D-500-V6.08.12-AC
ACTi Dome Camera	E62A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E63	A1D-500-V6.06.16-AC
ACTi Dome Camera	E63A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E64	A1D-500-V6.06.16-AC
ACTi Dome Camera	E64A	supported by specification
ACTi Dome Camera	E65	A1D-500-V6.06.16-AC
ACTi Dome Camera	E65A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E66	A1D-500-V6.06.16-AC
ACTi Dome Camera	E66A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E67	A1D-500-V6.06.16-AC
ACTi Dome Camera	E67A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E68	A1D-500-V6.06.16-AC
ACTi Dome Camera	E69	A1D-500-V6.06.16-AC
ACTi Dome Camera	E71	A1D-500-V6.06.02-AC
ACTi Dome Camera	E71A	A1D-500-V6.06.02-AC
ACTi Dome Camera	E72	A1D-500-V6.06.16-AC
ACTi Dome Camera	E72A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E73	A1D-500-V6.06.16-AC
ACTi Dome Camera	E73A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E74	A1D-500-V6.06.16-AC
ACTi Dome Camera	E74A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E75	A1D-500-V6.06.16-AC
ACTi Dome Camera	E76	A1D-500-V6.06.16-AC

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Dome Camera	E77	A1D-500-V6.06.13-AC
ACTi Dome Camera	E78	supported by specification
ACTi Dome Camera	E81	A1D-500-V6.06.16-AC
ACTi Zoom Dome Camera	E815	A1D-500-V6.08.12-AC
ACTi Zoom Dome Camera	E816	A1D-500-V6.08.11-AC
ACTi Zoom Dome Camera	E817	A1D-500-V6.08.12-AC
ACTi Zoom Dome Camera	E81A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E82	A1D-500-V6.06.16-AC
ACTi Zoom Dome Camera	E822	A1D-500-V6.08.11-AC
ACTi Dome Camera	E82A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E83	A1D-500-V6.06.16-AC
ACTi Dome Camera	E83A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E84	A1D-500-V6.06.07-AC
ACTi Dome Camera	E84A	A1D-500-V6.06.07-AC
ACTi Dome Camera	E85	A1D-500-V6.06.16-AC
ACTi Dome Camera	E85A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E86	A1D-500-V6.06.16-AC
ACTi Dome Camera	E86A	A1D-500-V6.06.16-AC
ACTi Dome Camera	E88	A1D-500-V6.06.16-AC
ACTi Dome Camera	E89	A1D-500-V6.06.14-AC
ACTi Mini Dome Camera	E91	A1D-500-V6.06.16-AC
ACTi Mini Dome Camera	E911	supported by specification
ACTi Mini Dome Camera	E913	A1D-500-V6.08.11-AC
ACTi Mini Dome Camera	E918	A1D-500-V6.07.16-AC
ACTi Mini Dome Camera	E918M	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E919	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E919M	A1D-500-V6.07.17-AC
ACTi Mini Dome Camera	E92	A1D-500-V6.06.16-AC
ACTi Mini Dome Camera	E920	A1D-500-V6.07.17-AC
ACTi Mini Dome Camera	E920M	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E921	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E921M	A1D-500-V6.07.17-AC
ACTi Mini Dome Camera	E922	A1D-500-V6.07.17-AC
ACTi Mini Dome Camera	E922M	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E923	A1D-500-V6.07.17-AC
ACTi Mini Fisheye Dome Camera	E923M	A1D-500-V6.07.17-AC
ACTi Mini Dome Camera	E924	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E924M	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E925	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E925M	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E926	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E926M	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E927	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E927M	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E928	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E928M	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E929	A1D-500-V6.09.16-AC
ACTi Mini Fisheye Dome Camera	E929M	A1D-500-V6.09.16-AC
ACTi Mini Dome Camera	E93	A1D-500-V6.06.07-AC
ACTi Mini Dome Camera	E933	supported by specification
ACTi Mini Dome Camera	E933M	supported by specification
ACTi Mini Dome Camera	E936	supported by specification
ACTi Mini Dome Camera	E936M	supported by specification
ACTi Mini Dome Camera	E94	A1D-500-V6.06.02-AC
ACTi Mini Dome Camera	E95	A1D-500-V6.06.02-AC
ACTi Mini Fisheye Dome Camera	E96	A1D-500-V6.06.10-AC
ACTi Mini Dome Camera	E97	A1D-500-V6.06.C1-AC

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi Mini Fisheye Dome Camera	E98	A1D-500-V6.07.16-AC
ACTi Mini Dome Camera	E99M	supported by specification
ACTi Zoom Box Camera	I24	A1D-500-V6.08.11-AC
ACTi Zoom Box Camera	I25	A1D-500-V6.07.19-AC
ACTi Zoom Box Camera	I27	A1D-500-V6.08.11-AC
ACTi Zoom Box Camera	I28	supported by specification
ACTi Zoom Box Camera	I29	supported by specification
ACTi Zoom Bullet Camera	I42	supported by specification
ACTi Zoom Bullet Camera	I44	A1D-500-V6.08.11-AC
ACTi Zoom Bullet Camera	I45	A1D-500-V6.07.17-AC
ACTi Zoom Bullet Camera	I47	A1D-500-V6.08.11-AC
ACTi Zoom Bullet Camera	I48	supported by specification
ACTi Hemispheric Dome Camera	I51	A1D-500-V6.07.16-AC
ACTi Hemispheric Dome Camera	I71	A1D-500-V6.08.06-AC
ACTi Hemispheric Dome Camera	I73	A1D-500-V6.09.16-AC
ACTi PTZ Camera	I91	A1D-500-V6.06.02-AC
ACTi Speed PTZ Camera	I910	A1D-500-V6.08.11-AC
ACTi PTZ Camera	I912	A1D-500-V6.08.11-AC
ACTi Speed PTZ Camera	I915	supported by specification
ACTi PTZ Camera	I92	A1D-500-V6.06.07-AC
ACTi Speed PTZ Camera	I922	supported by specification
ACTi Speed PTZ Camera	I923	supported by specification
ACTi Speed PTZ Camera	I93	A1D-500-V6.06.07-AC
ACTi Speed PTZ Camera	I94	A1D-500-V6.06.10-AC
ACTi Speed PTZ Camera	I95	A1D-500-V6.06.10-AC
ACTi Speed PTZ Camera	I96	A1D-500-V6.08.06-AC
ACTi Speed PTZ Camera	I97	supported by specification
ACTi Speed PTZ Camera	I98	supported by specification
ACTi Speed PTZ Camera	I99	supported by specification
ACTi Zoom Dome Camera	KCM-3210	supported by specification
ACTi Zoom Dome Camera	KCM-3211	supported by specification
ACTi Bullet Camera	KCM-3211	A1D-311-V5.07.03
ACTi Zoom Dome Camera	KCM-3311	A1D-311-V5.12.11-AC
ACTi Bullet Camera	KCM-3311	A1D-311-V5.07.03
ACTi Hemispheric Dome Camera	KCM-3911	A1D-311-V5.12.05-AC
ACTi Bullet Camera	KCM-3911	A1D-311-V5.07.03
ACTi Box Camera	KCM-5111	supported by specification
ACTi Box Camera	KCM-5111	A1D-311-V5.07.03
ACTi Zoom Box Camera	KCM-5211	A1D-311-V5.12.08-AC
ACTi Zoom Box Camera	KCM-5211	A1D-311-V5.07.03
ACTi Zoom Box Camera	KCM-5211E	supported by specification
ACTi Zoom Box Camera	KCM-5211E	A1D-311-V5.07.03
ACTi Zoom Box Camera	KCM-5311	supported by specification
ACTi Zoom Box Camera	KCM-5311	supported by specification
ACTi Zoom Box Camera	KCM-5311E	supported by specification
ACTi Zoom Box Camera	KCM-5511	A1D-311-V5.12.11-AC
ACTi Zoom Box Camera	KCM-5511E	supported by specification
ACTi Zoom Box Camera	KCM-5611	A1D-311-V5.12.02-AC
ACTi Dome Camera	KCM-7111	A1D-311-V5.12.11-AC
ACTi Zoom Dome Camera	KCM-7111	A1D-311-V5.07.03
ACTi Zoom Dome Camera	KCM-7211	supported by specification
ACTi Zoom Dome Camera	KCM-7211	A1D-311-V5.07.03
ACTi Zoom Dome Camera	KCM-7311	A1D-311-V5.12.02-AC
ACTi Zoom Dome Camera	KCM-7311	A1D-311-V5.07.03
ACTi Hemispheric Dome Camera	KCM-7911	A1D-311-V5.12.11-AC

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACTi PTZ Camera	KCM-8111	A1D-311-V5.12.02-AC
ACTi PTZ Camera	KCM-8211	A1D-311-V5.12.02-AC
ACTi Covert Camera	Q11	supported by specification
ACTi Covert Camera	Q110	supported by specification
ACTi Fisheye Covert Camera	Q111	supported by specification
ACTi Pinhole Covert Camera	Q112	supported by specification
ACTi Pinhole Covert Camera	Q112-K1	supported by specification
ACTi L-Shape Pinhole Covert Camera	Q113	supported by specification
ACTi L-Shape Pinhole Covert Camera	Q115	supported by specification
ACTi Covert Camera	Q12	supported by specification
ACTi Fisheye Covert Camera	Q13	supported by specification
ACTi Fisheye Covert Camera	Q13-K1	supported by specification
ACTi Pinhole Covert Camera	Q14	supported by specification
ACTi Pinhole Covert Camera	Q14-K1	supported by specification
ACTi Covert Camera	Q19	supported by specification
ACTi Micro Box Camera	Q22	supported by specification
ACTi Micro Box Camera	Q22-K1	supported by specification
ACTi In-Wall Box Camera	Q250	supported by specification
ACTi Hemispheric Dome Camera	Q51	supported by specification
ACTi Zoom Dome Camera	Q61	supported by specification
ACTi Zoom Dome Camera	Q81	supported by specification
ACTi Mini Dome Camera	Q91	supported by specification
ACTi Mini Dome Camera	Q92	supported by specification
ACTi Mini Dome Camera	Q93	supported by specification
ACTi Mini Dome Camera	Q94	supported by specification
ACTi Bullet Camera	TCM-1111	A1D-310-V4.12.06
ACTi Bullet Camera	TCM-1231	supported by specification
ACTi Bullet Camera	TCM-1232	supported by specification
ACTi Bullet Camera	TCM-1511	supported by specification
ACTi Dome Camera	TCM-3111	A1D-310-V4.12.06
ACTi Dome Camera	TCM-3401	supported by specification
ACTi Dome Camera	TCM-3411	supported by specification
ACTi Dome Camera	TCM-3511	supported by specification
ACTi Cube Camera	TCM-4001	supported by specification
ACTi Cube Camera	TCM-4201	supported by specification
ACTi Box Camera	TCM-4511	A1D-310-V4.12.06
ACTi Box Camera	TCM-5111	A1D-310-V4.12.06
ACTi Box Camera	TCM-5311	supported by specification
ACTi Box Camera	TCM-5312	supported by specification
ACTi Box Camera	TCM-5611	supported by specification
ACTi Speed PTZ Camera	TCM-6630	A1D-310-V4.12.08
ACTi Dome Camera	TCM-7411	supported by specification
ACTi Dome Camera	TCM-7811	A1D-310-V4.12.06
ACTi Mini Video Encoder	V11	A1D-600-H1.02.07-AC
ACTi Video Encoder	V21	A1D-600-H1.02.07-AC
ACTi Video Encoder	V22	A1D-600-H1.02.07-AC
ACTi Video Encoder	V23	A1D-600-H1.02.07-AC
ACTi Video Encoder	V24	A1D-600-H1.02.07-AC
ACTi Rackmount Video Encoder	V31	A1D-601-H2.01.07-AC
ACTi Rackmount Video Encoder	V32	A1D-601-H2.01.07-AC

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACUMEN Network Dome Camera	AiP-A54A-05Y2W	supported by specification
ACUMEN Network Box Camera	AiP-B24A-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B24N-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B25N-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B26A-05Y2W	supported by specification
ACUMEN Network Box Camera	AiP-B28N-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B34A-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B34N-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B53A-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B53N-05Y2B	ver. 1.1.004(Ai)
ACUMEN Network Box Camera	AiP-B54A-05Y2B	supported by specification
ACUMEN Network Box Camera	AiP-B84N-05Y2B	supported by specification
ACUMEN Network Mini Camera	AiP-C24W-05Y2W	supported by specification
ACUMEN Network Dome Camera	AiP-E22R-15Y2S	supported by specification
ACUMEN Network Box Camera	AiP-H34V-05Y2W	supported by specification
ACUMEN Network PTZ Camera	AiP-I04Z-02N2BN	supported by specification
ACUMEN Network PTZ Camera	AiP-I04Z-02N2BP	supported by specification
ACUMEN Network PTZ Camera	AiP-I04Z-03N2BN	supported by specification
ACUMEN Network PTZ Camera	AiP-I04Z-03N2BP	supported by specification
ACUMEN Network PTZ Camera	AiP-I14D-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I14D-03N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I24L-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I24L-03N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I34-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I34-03N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I34Q-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-I34Q-03N2B	supported by specification
ACUMEN Network Bullet Camera	AiP-J34F-G2Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-J34F-G3Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-K34M-A6Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-K34M-A7Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-K34N-A6Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-K34N-A7Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L24N-66Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L24N-67Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L24V-66Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L25N-66Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L26N-66Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L26N-67Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L53N-66Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-L53N-67Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-M24E-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M24K-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M24N-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M25E-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M25K-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M26W-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M34E-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M34E-45NOB	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACUMEN Network Bullet Camera	AiP-M34E-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M34K-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M34K-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M34N-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M34N-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M53E-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M53E-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M53K-45NOB	supported by specification
ACUMEN Network Bullet Camera	AiP-M53K-45Y0B	supported by specification
ACUMEN Network Bullet Camera	AiP-M53N-45Y0B	supported by specification
ACUMEN Network Dome Camera	AiP-O24N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-O24V-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-O25N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-O25V-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-O53N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P24N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P24N-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P24V-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P25N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P25N-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P25V-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P34N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P34N-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P53N-05Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-P53N-45Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-R24K-05Y1B	supported by specification
ACUMEN Network Dome Camera	AiP-R25K-05Y1B	supported by specification
ACUMEN Network Dome Camera	AiP-R26S-05Y1W	supported by specification
ACUMEN Network Dome Camera	AiP-R53K-05Y1B	supported by specification
ACUMEN Network PTZ Camera	AiP-S34D-G2Y2W	supported by specification
ACUMEN Network PTZ Camera	AiP-S34D-G3Y2W	supported by specification
ACUMEN Network PTZ Camera	AiP-S34L-G2Y2W	supported by specification
ACUMEN Network PTZ Camera	AiP-S34L-G3Y2W	supported by specification
ACUMEN Network Bullet Camera	AiP-T24N-55Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-T25N-55Y2B	supported by specification
ACUMEN Network Bullet Camera	AiP-T53N-55Y2B	supported by specification
ACUMEN Network Dome Camera	AiP-U24K-01NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U25K-05NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53E-01NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53E-05NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53E-35NOW	supported by specification
ACUMEN Network Dome Camera	AiP-U53K-01NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53K-05NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53K-35NOB	supported by specification
ACUMEN Network Dome Camera	AiP-U53K-35NOW	supported by specification
ACUMEN Network Dome Camera	AiP-V24K-05Y1B	supported by specification
ACUMEN Network Dome Camera	AiP-V25K-05Y1B	supported by specification
ACUMEN Network Dome Camera	AiP-W53S-25Y2W	supported by specification
ACUMEN Network PTZ Camera	AiP-X24P-25Y2S	supported by specification
ACUMEN Network PTZ Camera	AiP-Y04Z-02N2BN	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ACUMEN Network PTZ Camera	AiP-Y04Z-02N2BP	supported by specification
ACUMEN Network PTZ Camera	AiP-Y04Z-03N2BN	supported by specification
ACUMEN Network PTZ Camera	AiP-Y04Z-03N2BP	supported by specification
ACUMEN Network PTZ Camera	AiP-Y14D-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y14D-03N2B	ver. 1.0.504 (Ai)
ACUMEN Network PTZ Camera	AiP-Y24L-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y24L-03N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y24L-06N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y24L-07N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y32-02N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y32-03N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y34Q-06N2B	supported by specification
ACUMEN Network PTZ Camera	AiP-Y34Q-07N2B	supported by specification
ACUMEN Network Dome Camera	AiP-Z04N-44N0B	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Appro Network Mini Dome Camera	LC-6740A	supported by specification
Appro Network Mini Dome Camera	LC-6740B	supported by specification
Appro Network Cube Camera	LC-6760	supported by specification
Appro Network Mini Bullet Camera	LC-6770	supported by specification
Appro Network HD Wireless Camera	LC-6790	supported by specification
Appro Network Full HD 180° Camera	LC-6863	supported by specification
Appro Network Fisheye Camera	LC-6887	supported by specification
Appro Network PTZ Camera	LC-7245	supported by specification
Appro Network Box Camera	LC-7411	tested by partner
Appro Network Dome Camera	LC-7421	supported by specification
Appro Network Dome Camera	LC-7421	supported by specification
Appro Network Dome Camera	LC-7421AF	supported by specification
Appro Network Dome Camera	LC-7421D	supported by specification
Appro Network Dome Camera	LC-7431	supported by specification
Appro Network Dome Camera	LC-7431AF	supported by specification
Appro Network Dome Camera	LC-7431D	supported by specification
Appro Network Bullet Camera	LC-7451	supported by specification
Appro Network Bullet Camera	LC-7451AF	supported by specification
Appro Network Box Camera	LC-7513	supported by specification
Appro Network Box Camera	LC-7514	supported by specification
Appro Network Box Camera	LC-7516	supported by specification
Appro Network Dome Camera	LC-7523	supported by specification
Appro Network Dome Camera	LC-7523D	supported by specification
Appro Network Dome Camera	LC-7523M	supported by specification
Appro Network Dome Camera	LC-7524	supported by specification
Appro Network Dome Camera	LC-7526	supported by specification
Appro Network Dome Camera	LC-7533	supported by specification
Appro Network Dome Camera	LC-7533D	supported by specification
Appro Network Dome Camera	LC-7533M	supported by specification
Appro Network Dome Camera	LC-7534	supported by specification
Appro Network Dome Camera	LC-7536	supported by specification
Appro Network Bullet Camera	LC-7551	supported by specification
Appro Network Bullet Camera	LC-7551D	supported by specification
Appro Network Bullet Camera	LC-7553	supported by specification
Appro Network Bullet Camera	LC-7553D	supported by specification
Appro Network Bullet Camera	LC-7553F	supported by specification
Appro Network Bullet Camera	LC-7553M	supported by specification
Appro Network Bullet Camera	LC-7554	supported by specification
Appro Network Bullet Camera	LC-7556	supported by specification
Appro Network Bullet Camera	LC-7556-AF3	supported by specification



## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome® 4K Series Camera	AV08ZMD-400	supported by specification
Arecont MegaVideo® Series Camera	AV10005	supported by specification
Arecont MegaVideo® Series Camera	AV10005DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV10115	ver.65210
Arecont MegaVideo® Compact Series Camera	AV10115AI	supported by specification
Arecont MegaVideo® Compact Series Camera	AV10115DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV10115DNAIv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV10115DNv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV10115v1	supported by specification
Arecont MegaVideo® G5 Series Camera	AV10215PM-S	supported by specification
Arecont MegaView® 2 Series Camera	AV10225PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV10225PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV10225PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV10225PMTIR-S	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255AMIR	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255AMIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255PMIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255PMTIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV10255PMTIR-SH	supported by specification
Arecont MicroDome® Duo Series Camera	AV10655DN-08	supported by specification
Arecont MicroDome® Duo Series Camera	AV10655DN-28	supported by specification
Arecont MicroDome® Duo Series Camera	AV10655DN-NL	supported by specification
Arecont MegaVideo® Compact Series Camera	AV1115	supported by specification
Arecont MegaVideo® Compact Series Camera	AV1115DNAIv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV1115DNv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV1115v1	supported by specification
Arecont MegaView® Series Camera	AV1125	supported by specification
Arecont MegaView® Series Camera	AV1125DNv1	supported by specification
Arecont MegaView® Series Camera	AV1125IR	supported by specification
Arecont MegaView® Series Camera	AV1125IRv1	supported by specification
Arecont MegaView® Series Camera	AV1125IRv1x	supported by specification
Arecont MegaBall® Series Camera	AV1145	ver.65225
Arecont MegaBall® Series Camera	AV1145-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV1145-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV1145DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV1145DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV1145DN-3310-W	supported by specification
Arecont MegaVideo® Flex Series Camera	AV1195DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV1195DN-NL	supported by specification
Arecont MegaVideo® G5 Series Camera	AV1215PM-S	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12175DN-08	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12175DN-28	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12175DN-NL	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12176DN-08	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12176DN-28	supported by specification
Arecont SurroundVideo® Omni Series Camera	AV12176DN-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV12186	supported by specification
Arecont SurroundVideo® Series Camera	AV12186DN	supported by specification
Arecont MegaView® 2 Series Camera	AV1225PMIR-S	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV12275DN-08	supported by specification

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont SurroundVideo® Omni G2 Series Camera	AV12275DN-28	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV12275DN-NL	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV12276DN-08	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV12276DN-28	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV12276DN-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV12366DN	supported by specification
Arecont SurroundVideo® Omni G3 Series Camera	AV12375RS	supported by specification
Arecont SurroundVideo® Omni G3 Series Camera	AV12376RS	supported by specification
Arecont MegaBall® G2 Series Camera	AV1245PMIR-SB-LG	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255AM	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255DN-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255PMIR-S	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255PMIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255PM-S	supported by specification
Arecont MegaDome® 2 Series Camera	AV1255PM-SH	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV12565DN	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV12566DN	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV12585DN	supported by specification
Arecont SurroundVideo® G5 Series Camera	AV12585PM	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV12586DN	supported by specification
Arecont SurroundVideo® G5 Series Camera	AV12586PM	supported by specification
Arecont MegaVideo® Series Camera	AV1300-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV1300DN	supported by specification
Arecont MegaVideo® Series Camera	AV1300M	ver.64328
Arecont MegaVideo® Series Camera	AV1305	supported by specification
Arecont MegaVideo® Series Camera	AV1305-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV1305DN	ver.65130
Arecont MegaVideo® Compact Series Camera	AV1310	ver.65142
Arecont MegaVideo® Compact Series Camera	AV1310DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV1315	supported by specification
Arecont MegaView® Series Camera	AV1325	supported by specification
Arecont MegaDome® Series Camera	AV1355	supported by specification
Arecont MegaDome® Series Camera	AV1355-16	supported by specification
Arecont MegaDome® Series Camera	AV1355-16HK	supported by specification
Arecont MegaDome® Series Camera	AV1355-1HK	supported by specification
Arecont MegaDome® Series Camera	AV1355DN	supported by specification
Arecont MegaDome® Series Camera	AV1355DN-16	supported by specification
Arecont MegaDome® Series Camera	AV1355DN-16HK	supported by specification
Arecont MegaDome® Series Camera	AV1355DN-1HK	ver.65139
Arecont MicroDome® Series Camera	AV1455	supported by specification
Arecont MicroDome® Series Camera	AV1455DN-F	supported by specification
Arecont MicroDome® Series Camera	AV1455DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV1455DN-S	supported by specification
Arecont MicroDome® Series Camera	AV1455DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV1555DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV1555DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV1555DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV1555DN-S-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV20185	supported by specification
Arecont SurroundVideo® Series Camera	AV20185CO	supported by specification
Arecont SurroundVideo® Series Camera	AV20185DN	ver.65187

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont SurroundVideo® Series Camera	AV20185DN	supported by specification
Arecont SurroundVideo® Series Camera	AV20185DN-HB	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV20275DN-08	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV20275DN-28	supported by specification
Arecont SurroundVideo® Omni G2 Series Camera	AV20275DN-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV20365	supported by specification
Arecont SurroundVideo® Series Camera	AV20365CO	supported by specification
Arecont SurroundVideo® Series Camera	AV20365DN	supported by specification
Arecont SurroundVideo® Series Camera	AV20365DN-HB	supported by specification
Arecont SurroundVideo® Omni G3 Series Camera	AV20375RS	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV20565DN	supported by specification
Arecont SurroundVideo® G5 Mini Series Camera	AV20585DN	supported by specification
Arecont SurroundVideo® G5 Series Camera	AV20585PM	supported by specification
Arecont MegaVideo® Series Camera	AV2100-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV2100DN	supported by specification
Arecont MegaVideo® Series Camera	AV2100M	ver.64328
Arecont MegaVideo® Series Camera	AV2105	ver.65009
Arecont MegaVideo® Series Camera	AV2105-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV2105DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2110	ver.65141
Arecont MegaVideo® Compact Series Camera	AV2110DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2115	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2115DNA1v1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2115DNv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2115v1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2116	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2116DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV2116DNv1	supported by specification
Arecont MegaView® Series Camera	AV2125	supported by specification
Arecont MegaView® Series Camera	AV2125DNv1	supported by specification
Arecont MegaView® Series Camera	AV2125IRv1	supported by specification
Arecont MegaBall® Series Camera	AV2145	supported by specification
Arecont MegaBall® Series Camera	AV2145-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV2145-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-04-DA	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-04-DA-LG	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-04-WA	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-DA	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-DA-LG	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV2145DN-3310-WA	supported by specification
Arecont MegaBall® Series Camera	AV2146	supported by specification
Arecont MegaBall® Series Camera	AV2146DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV2146DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV2146DN-3310-W	supported by specification
Arecont MegaDome® Series Camera	AV2155	supported by specification
Arecont MegaDome® Series Camera	AV2155-16	supported by specification
Arecont MegaDome® Series Camera	AV2155-16HK	supported by specification
Arecont MegaDome® Series Camera	AV2155-1HK	supported by specification
Arecont MegaDome® Series Camera	AV2155DN	ver.65140

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome® Series Camera	AV2155DN-16	supported by specification
Arecont MegaDome® Series Camera	AV2155DN-16HK	supported by specification
Arecont MegaDome® Series Camera	AV2155DN-1HK	supported by specification
Arecont MegaVideo® Flex Series Camera	AV2195DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV2195DN-NL	supported by specification
Arecont MegaVideo® Flex Series Camera	AV2196DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV2196DN-NL	supported by specification
Arecont MegaVideo® G5 Series Camera	AV2215PM-S	supported by specification
Arecont MegaVideo® G5 Series Camera	AV2216PM-S	supported by specification
Arecont MegaView® 2 Series Camera	AV2225	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMIR-A	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMIR-SA	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV2225PMTIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV2226	supported by specification
Arecont MegaView® 2 Series Camera	AV2226PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV2226PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV2226PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV2226PMTIR-S	supported by specification
Arecont MegaBall® 2 Series Camera	AV2245	supported by specification
Arecont MegaBall® G2 Series Camera	AV2245PM-B-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV2245PM-D	supported by specification
Arecont MegaBall® G2 Series Camera	AV2245PM-D-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV2245PMIR-SBA-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV2245PMIR-SB-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV2245PM-W	supported by specification
Arecont MegaBall® 2 Series Camera	AV2246	supported by specification
Arecont MegaBall® G2 Series Camera	AV2246PM-B-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV2246PM-D	supported by specification
Arecont MegaBall® G2 Series Camera	AV2246PM-D-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV2246PMIR-SB-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV2246PM-W	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255AM	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255AM-AH	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255AM-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255AMIR-AH	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255AMIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255DN-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255DN-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255PMIR-SAH	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255PMIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255PMTIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV2255PMTIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256DN	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256PM	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256PMIR	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256PMIR-S	supported by specification
Arecont MegaDome® 2 Series Camera	AV2256PMTIR	supported by specification

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome® 2 Series Camera	AV2256PMTIR-S	supported by specification
Arecont MicroBullet® Series Camera	AV2325DNIR	supported by specification
Arecont MicroBullet® Series Camera	AV2326DNIR	supported by specification
Arecont MicroDome® Series Camera	AV2455	supported by specification
Arecont MicroDome® Series Camera	AV2455DN-F	supported by specification
Arecont MicroDome® Series Camera	AV2455DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV2455DN-S	supported by specification
Arecont MicroDome® Series Camera	AV2455DN-S-NL	supported by specification
Arecont MicroDome® Series Camera	AV2456	supported by specification
Arecont MicroDome® Series Camera	AV2456DN-F	supported by specification
Arecont MicroDome® Series Camera	AV2456DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV2456DN-S	supported by specification
Arecont MicroDome® Series Camera	AV2456DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV2555DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV2555DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV2555DN-S	supported by specification
Arecont MicroDome® G2 Series Camera	AV2555DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV2556DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV2556DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV2556DN-S	supported by specification
Arecont MicroDome® G2 Series Camera	AV2556DN-S-NL	supported by specification
Arecont MegaVideo® Series Camera	AV2805	ver.65192
Arecont MegaVideo® Series Camera	AV2805-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV2805DN	ver.65192
Arecont MegaVideo® Compact Series Camera	AV2815	supported by specification
Arecont MegaView® Series Camera	AV2825	supported by specification
Arecont MegaVideo® Series Camera	AV3100-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV3100DN	supported by specification
Arecont MegaVideo® Series Camera	AV3100M	ver.64328
Arecont MegaVideo® Series Camera	AV3105	supported by specification
Arecont MegaVideo® Series Camera	AV3105-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV3105DN	ver.65009
Arecont MegaVideo® Compact Series Camera	AV3110	tested by customer
Arecont MegaVideo® Compact Series Camera	AV3110DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3115	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3115DNA1v1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3115DNv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3115v1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3116	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3116DNv1	supported by specification
Arecont MegaView® Series Camera	AV3125	supported by specification
Arecont MegaView® Series Camera	AV3125DNv1	supported by specification
Arecont MegaView® Series Camera	AV3125IRv1	supported by specification
Arecont MegaVideo® Series Camera	AV3130	ver.62603
Arecont MegaVideo® Series Camera	AV3130M	ver.62603
Arecont MegaVideo® Series Camera	AV3135	supported by specification
Arecont MegaBall® Series Camera	AV3145	ver.65225
Arecont MegaBall® Series Camera	AV3145-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV3145-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV3145DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV3145DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV3145DN-3310-W	supported by specification

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaBall® Series Camera	AV3146	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-04-DA	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-04-DA-LG	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-04-WA	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-DA	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-DA-LG	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV3146DN-3310-WA	supported by specification
Arecont MegaDome® Series Camera	AV3155	supported by specification
Arecont MegaDome® Series Camera	AV3155	supported by specification
Arecont MegaDome® Series Camera	AV3155-16	supported by specification
Arecont MegaDome® Series Camera	AV3155-16HK	supported by specification
Arecont MegaDome® Series Camera	AV3155-1HK	supported by specification
Arecont MegaDome® Series Camera	AV3155DN	supported by specification
Arecont MegaDome® Series Camera	AV3155DN-16	supported by specification
Arecont MegaDome® Series Camera	AV3155DN-16HK	supported by specification
Arecont MegaDome® Series Camera	AV3155DN-1HK	supported by specification ver.65140
Arecont MegaVideo® Flex Series Camera	AV3195DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV3195DN-NL	supported by specification
Arecont MegaVideo® Flex Series Camera	AV3196DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV3196DN-NL	supported by specification
Arecont MegaVideo® G5 Series Camera	AV3215PM-S	supported by specification
Arecont MegaVideo® G5 Series Camera	AV3216PM-S	supported by specification
Arecont MegaView® 2 Series Camera	AV3225	supported by specification
Arecont MegaView® 2 Series Camera	AV3225PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV3225PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV3225PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV3225PMTIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV3226	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMIR-A	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMIR-SA	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV3226PMTIR-S	supported by specification
Arecont MegaVideo® Compact Series Camera	AV3236DN	supported by specification
Arecont MegaBall® 2 Series Camera	AV3245	supported by specification
Arecont MegaBall® G2 Series Camera	AV3245PM-B-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV3245PM-D	supported by specification
Arecont MegaBall® G2 Series Camera	AV3245PM-D-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV3245PMIR-SB-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV3245PM-W	supported by specification
Arecont MegaBall® 2 Series Camera	AV3246	supported by specification
Arecont MegaBall® G2 Series Camera	AV3246PM-B-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV3246PM-D	supported by specification
Arecont MegaBall® G2 Series Camera	AV3246PM-D-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV3246PMIR-SBA-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV3246PMIR-SB-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV3246PM-W	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255	supported by specification

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome® 2 Series Camera	AV3255AM	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255AM-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255AMIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255DN	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255DN-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255PMIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255PMTIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV3255PMTIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256DN	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PM	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PM-A	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMIR	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMIR-A	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMIR-S	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMIR-SA	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMTIR	supported by specification
Arecont MegaDome® 2 Series Camera	AV3256PMTIR-S	supported by specification
Arecont MicroBullet® Series Camera	AV3325DNIR	supported by specification
Arecont MicroBullet® Series Camera	AV3326DNIR	supported by specification
Arecont MicroDome® Series Camera	AV3455	supported by specification
Arecont MicroDome® Series Camera	AV3455DN-F	supported by specification
Arecont MicroDome® Series Camera	AV3455DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV3455DN-S	supported by specification
Arecont MicroDome® Series Camera	AV3455DN-S-NL	supported by specification
Arecont MicroDome® Series Camera	AV3456	supported by specification
Arecont MicroDome® Series Camera	AV3456DN-F	supported by specification
Arecont MicroDome® Series Camera	AV3456DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV3456DN-S	supported by specification
Arecont MicroDome® Series Camera	AV3456DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV3555DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV3555DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV3555DN-S	supported by specification
Arecont MicroDome® G2 Series Camera	AV3555DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV3556DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV3556DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV3556DN-S	supported by specification
Arecont MicroDome® G2 Series Camera	AV3556DN-S-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV40185	supported by specification
Arecont SurroundVideo® Series Camera	AV40185DN	supported by specification
Arecont SurroundVideo® Series Camera	AV40185DN-HB	supported by specification
Arecont MicroDome® Duo Series Camera	AV4655DN-08	supported by specification
Arecont MicroDome® Duo Series Camera	AV4655DN-28	supported by specification
Arecont MicroDome® Duo Series Camera	AV4655DN-NL	supported by specification
Arecont MicroDome® Duo Series Camera	AV4656DN-08	supported by specification
Arecont MicroDome® Duo Series Camera	AV4656DN-28	supported by specification
Arecont MicroDome® Duo Series Camera	AV4656DN-NL	supported by specification
Arecont MegaVideo® Series Camera	AV5100-Ai	supported by specification
Arecont MegaVideo® Series Camera	AV5100DN	supported by specification
Arecont MegaVideo® Series Camera	AV5100M	supported by specification
Arecont MegaVideo® Series Camera	AV5105	supported by specification
Arecont MegaVideo® Series Camera	AV5105-Ai	supported by specification

## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaVideo® Series Camera	AV5105DN	ver.65140
Arecont MegaVideo® Compact Series Camera	AV5110	supported by specification
Arecont MegaVideo® Compact Series Camera	AV5110DN	supported by specification
Arecont MegaVideo® Compact Series Camera	AV5115	supported by specification
Arecont MegaVideo® Compact Series Camera	AV5115DNA1v1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV5115DNv1	supported by specification
Arecont MegaVideo® Compact Series Camera	AV5115v1	supported by specification
Arecont MegaView® Series Camera	AV5125	supported by specification
Arecont MegaView® Series Camera	AV5125DNv1	supported by specification
Arecont MegaView® Series Camera	AV5125IRv1	supported by specification
Arecont MegaBall® Series Camera	AV5145	supported by specification
Arecont MegaBall® Series Camera	AV5145-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV5145-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-D	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-DA	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-DA-LG	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-D-LG	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-W	supported by specification
Arecont MegaBall® Series Camera	AV5145DN-3310-WA	supported by specification
Arecont MegaDome® Series Camera	AV5155	supported by specification
Arecont MegaDome® Series Camera	AV5155	supported by specification
Arecont MegaDome® Series Camera	AV5155-16	supported by specification
Arecont MegaDome® Series Camera	AV5155-16HK	supported by specification
Arecont MegaDome® Series Camera	AV5155-1HK	supported by specification
Arecont MegaDome® Series Camera	AV5155DN	supported by specification
Arecont MegaDome® Series Camera	AV5155DN-16	supported by specification
Arecont MegaDome® Series Camera	AV5155DN-16HK	supported by specification
Arecont MegaDome® Series Camera	AV5155DN-1HK	ver.65140
Arecont MegaVideo® Flex Series Camera	AV5195DN	supported by specification
Arecont MegaVideo® Flex Series Camera	AV5195DN-NL	supported by specification
Arecont MegaVideo® G5 Series Camera	AV5215PM-S	supported by specification
Arecont MegaView® 2 Series Camera	AV5225	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMIR	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMIR-A	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMIR-S	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMIR-SA	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMTIR	supported by specification
Arecont MegaView® 2 Series Camera	AV5225PMTIR-S	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245DN-01-D	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245DN-01-DA	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245DN-01-DA-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245DN-01-D-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245DN-01-W	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245DN-01-WA	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245PM-B-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245PM-D	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245PM-D-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245PMIR-SBA-LG	supported by specification
Arecont MegaBall® G2 Series Camera	AV5245PMIR-SB-LG	supported by specification
Arecont MegaBall® 2 Series Camera	AV5245PM-W	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255	supported by specification



## Preferred Integration Protocol: CGI (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaDome® 2 Series Camera	AV5255AM	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255AM-AH	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255AM-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255AMIR-AH	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255AMIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255DN	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255DN-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255PMIR-SAH	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255PMIR-SH	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255PMTIR-H	supported by specification
Arecont MegaDome® 2 Series Camera	AV5255PMTIR-SH	supported by specification
Arecont MicroDome® Series Camera	AV5455	supported by specification
Arecont MicroDome® Series Camera	AV5455DN-F	supported by specification
Arecont MicroDome® Series Camera	AV5455DN-F-NL	supported by specification
Arecont MicroDome® Series Camera	AV5455DN-S	supported by specification
Arecont MicroDome® Series Camera	AV5455DN-S-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV5555DN-F	supported by specification
Arecont MicroDome® G2 Series Camera	AV5555DN-F-NL	supported by specification
Arecont MicroDome® G2 Series Camera	AV5555DN-S	supported by specification
Arecont MicroDome® G2 Series Camera	AV5555DN-S-NL	supported by specification
Arecont SurroundVideo® G5 Series Camera	AV5585PM	supported by specification
Arecont MicroDome® Duo Series Camera	AV6655DN-08	supported by specification
Arecont MicroDome® Duo Series Camera	AV6655DN-28	supported by specification
Arecont MicroDome® Duo Series Camera	AV6655DN-NL	supported by specification
Arecont MicroDome® Duo Series Camera	AV6656DN-08	supported by specification
Arecont MicroDome® Duo Series Camera	AV6656DN-28	supported by specification
Arecont MicroDome® Duo Series Camera	AV6656DN-NL	supported by specification
Arecont SurroundVideo® Series Camera	AV8180	ver.64328
Arecont SurroundVideo® Series Camera	AV8185	ver.65031
Arecont SurroundVideo® Series Camera	AV8185DN	supported by specification
Arecont SurroundVideo® Series Camera	AV8185DN-HB	supported by specification
Arecont SurroundVideo® Series Camera	AV8360	supported by specification
Arecont SurroundVideo® Series Camera	AV8365	supported by specification
Arecont SurroundVideo® Series Camera	AV8365CO	supported by specification
Arecont SurroundVideo® Series Camera	AV8365DN	supported by specification
Arecont SurroundVideo® Series Camera	AV8365DN-HB	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV1115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV1115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV1115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV2115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV2115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV2115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV3115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV3115DNv1-04	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV3115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV3115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV5115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV5115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4F-AV5115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV1115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV1115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV1115v1-3312	supported by specification

**Preferred Integration Protocol: CGI** (native Arecont protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Arecont MegaVideo® D4 Series Camera	D4S-AV2115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV2115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV2115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV3115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV3115DNv1-04	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV3115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV3115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV5115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV5115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4S-AV5115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV1115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV1115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV1115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV2115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV2115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV2115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV2116DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV3115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV3115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV3115v1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV3116DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV5115-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV5115DNv1-3312	supported by specification
Arecont MegaVideo® D4 Series Camera	D4SO-AV5115v1-3312	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device, up to 3 streams, H.264, MPEG-4, MJPEG

**Audio:** All channels available in device, One-way (in), G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Avigilon H4 ES Camera	1.0C-H4A-12G-B1	supported by specification
Avigilon H4 ES Bullet Camera	1.0C-H4A-12G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	1.0C-H4A-12G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	1.0C-H4A-12G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	1.0C-H4A-12G-DP1-IR	supported by specification
Avigilon HD Camera	1.0C-H4A-B1	supported by specification
Avigilon HD Camera	1.0C-H4A-B2	supported by specification
Avigilon HD Camera	1.0C-H4A-B3	supported by specification
Avigilon HD Bullet Camera	1.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	1.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	1.0C-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	1.0C-H4A-DP2	supported by specification
Avigilon H4 HD PTZ Dome Camera	1.0C-H4PTZ-DC45	supported by specification
Avigilon H4 HD PTZ Dome Camera	1.0C-H4PTZ-DP45	supported by specification
Avigilon 1 MP H.264 HD Dome Camera	1.0-H3-D1	tested by partner
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DC1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DC1-BL	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DO1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DP1	supported by specification
Avigilon H3 HD Micro Dome Camera	1.0-H3M-DP1-BL	supported by specification
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-B1	supported by specification
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-B2	supported by specification
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-D1	ver.2.2.0.34
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-DC1	supported by specification
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-DO1	supported by specification
Avigilon 1 MP H.264 HD Camera	1.0MP-HD-H264-DP1	supported by specification
Avigilon H3 HD PTZ Dome Camera	1.0W-H3PTZ-DC20	ver.2.6.0.92
Avigilon H3 HD PTZ Dome Camera	1.0W-H3PTZ-DP20	supported by specification
Avigilon H4 SL Bullet Camera	1.3C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	1.3C-H4SL-DO1-IR	supported by specification
Avigilon H4 Fisheye Camera	12.0-H4F-DO1-IR	supported by specification
Avigilon HD Pro Camera	12L-H4PRO-B	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DC1	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DO1-B	supported by specification
Avigilon H3 HD Multisensor Camera	12W-H3-4MH-DP1-B	supported by specification
Avigilon HD Pro Camera	16L-H4PRO-B	supported by specification
Avigilon H4 ES Camera	2.0C-H4A-25G-B1	supported by specification
Avigilon H4 ES Bullet Camera	2.0C-H4A-25G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	2.0C-H4A-25G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	2.0C-H4A-25G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	2.0C-H4A-25G-DP1-IR	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device, up to 3 streams, H.264, MPEG-4, MJPEG

**Audio:** All channels available in device, One-way (in), G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Avigilon HD Camera	2.0C-H4A-B1	supported by specification
Avigilon HD Camera	2.0C-H4A-B2	supported by specification
Avigilon HD Camera	2.0C-H4A-B3	supported by specification
Avigilon HD Bullet Camera	2.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	2.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	2.0C-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	2.0C-H4A-DP2	supported by specification
Avigilon H4 HD PTZ Dome Camera	2.0C-H4PTZ-DC30	supported by specification
Avigilon H4 HD PTZ Dome Camera	2.0C-H4PTZ-DP30	supported by specification
Avigilon H4 SL Bullet Camera	2.0C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	2.0C-H4SL-DO1-IR	supported by specification
Avigilon 2 MP H.264 HD Dome Camera	2.0-H3-D1	tested by partner
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DC1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DC1-BL	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DO1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DP1	supported by specification
Avigilon H3 HD Micro Dome Camera	2.0-H3M-DP1-BL	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-B1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-B2	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-D1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DC1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DO1	supported by specification
Avigilon 2 MP H.264 HD Camera	2.0MP-HD-H264-DP1	supported by specification
Avigilon 2 MP HD Bullet Camera	2.0W-H3-BO2-IR	ver.2.6.0.140
Avigilon H3 HD PTZ Dome Camera	2.0W-H3PTZ-DC20	supported by specification
Avigilon H3 HD PTZ Dome Camera	2.0W-H3PTZ-DP20	tested by partner
Avigilon HD Pro Camera	24L-H4PRO-B	supported by specification
Avigilon H4 ES Camera	3.0C-H4A-25G-B1	supported by specification
Avigilon H4 ES Bullet Camera	3.0C-H4A-25G-BO1-IR	supported by specification
Avigilon H4 ES Bullet Camera	3.0C-H4A-25G-BO2-IR	supported by specification
Avigilon H4 ES Dome Camera	3.0C-H4A-25G-DO1-IR	supported by specification
Avigilon H4 ES Dome Camera	3.0C-H4A-25G-DP1-IR	supported by specification
Avigilon HD Camera	3.0C-H4A-B1	supported by specification
Avigilon HD Camera	3.0C-H4A-B2	supported by specification
Avigilon HD Camera	3.0C-H4A-B3	supported by specification
Avigilon HD Bullet Camera	3.0C-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	3.0C-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	3.0C-H4A-DC2	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device, up to 3 streams, H.264, MPEG-4, MJPEG

**Audio:** All channels available in device, One-way (in), G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	3.0C-H4A-DP2	supported by specification
Avigilon H4 SL Bullet Camera	3.0C-H4SL-BO1-IR	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-D1	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-D1-IR	supported by specification
Avigilon H4 SL Dome Camera	3.0C-H4SL-DO1-IR	supported by specification
Avigilon HD Pro Camera	30L-H4PRO-B	supported by specification
Avigilon HD Camera	5.0L-H4A-B2	supported by specification
Avigilon HD Camera	5.0L-H4A-B3	supported by specification
Avigilon HD Bullet Camera	5.0L-H4A-BO1-IR	supported by specification
Avigilon HD Bullet Camera	5.0L-H4A-BO2-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-D2	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-DC1	supported by specification
Avigilon HD Indoor Dome Camera	5.0L-H4A-DC2	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DO2	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	5.0L-H4A-DP2	supported by specification
Avigilon H4 Fisheye Camera	6.0L-H4F-DO1-IR	supported by specification
Avigilon HD Camera	8.0-H4A-B2	supported by specification
Avigilon HD Bullet Camera	8.0-H4A-BO1-IR	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-D1	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-D1-IR	supported by specification
Avigilon HD Indoor Dome Camera	8.0-H4A-DC1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DO1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DO1-IR	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DP1	supported by specification
Avigilon HD Outdoor Dome Camera	8.0-H4A-DP1-IR	supported by specification
Avigilon HD Pro Camera	8L-H4PRO-B	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DC1	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DO1-B	supported by specification
Avigilon H3 HD Multisensor Camera	9W-H3-3MH-DP1-B	supported by specification
Avigilon H.264 Analog Video Encoder	ENC-4P-H264	ver.2.2.0.48

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avtech Dome Camera	AV303	supported by specification
Avtech Dome Camera	AVM1203	supported by specification
Avtech Box Camera	AVM217	supported by specification
Avtech Bullet Camera	AVM2200	supported by specification
Avtech Bullet Camera	AVM2200T	supported by specification
Avtech Dome Camera	AVM2220	supported by specification
Avtech Dome Camera	AVM2220SE	supported by specification
Avtech Dome Camera	AVM2220T	supported by specification
Avtech Dome Camera	AVM2421/F38	supported by specification
Avtech Dome Camera	AVM2432T	supported by specification
Avtech Dome Camera	AVM2432T	supported by specification
Avtech Dome Camera	AVM2443	supported by specification
Avtech Bullet Camera	AVM2451	supported by specification
Avtech Bullet Camera	AVM2451SE	supported by specification
Avtech Bullet Camera	AVM2451T	supported by specification
Avtech Bullet Camera	AVM2452	supported by specification
Avtech Bullet Camera	AVM2452T	supported by specification
Avtech Bullet Camera	AVM2453	supported by specification
Avtech PTZ Camera	AVM2592L	supported by specification
Avtech Bullet Camera	AVM265	supported by specification
Avtech Cube Camera	AVM301	supported by specification
Avtech Cube Camera	AVM302A	supported by specification
Avtech Dome Camera	AVM311	supported by specification
Avtech Dome Camera	AVM311A	supported by specification
Avtech Box Camera	AVM317B	supported by specification
Avtech Box Camera	AVM317ZA	ver.1050-1027-1034-1008
Avtech Dome Camera	AVM328B	supported by specification
Avtech Dome Camera	AVM332	supported by specification
Avtech Dome Camera	AVM3432T	supported by specification
Avtech Dome Camera	AVM3443	supported by specification
Avtech Dome Camera	AVM3445	supported by specification
Avtech Bullet Camera	AVM3452T	supported by specification
Avtech Bullet Camera	AVM3453	supported by specification
Avtech Bullet Camera	AVM3455	supported by specification
Avtech Bullet Camera	AVM357A	supported by specification
Avtech Bullet Camera	AVM357ZAP	ver.1050-1027-1034-1008
Avtech Bullet Camera	AVM359A	supported by specification
Avtech Bullet Camera	AVM3650L	supported by specification
Avtech Bullet Camera	AVM365A	supported by specification
Avtech Bullet Camera	AVM365B	supported by specification
Avtech Box Camera	AVM400B	supported by specification
Avtech Dome Camera	AVM401	supported by specification
Avtech Dome Camera	AVM402	supported by specification
Avtech Bullet Camera	AVM403J	supported by specification
Avtech Dome Camera	AVM411	supported by specification
Avtech Box Camera	AVM417A	supported by specification
Avtech Dome Camera	AVM420	supported by specification
Avtech Dome Camera	AVM420S	supported by specification
Avtech Dome Camera	AVM420U	supported by specification
Avtech Dome Camera	AVM420U-NWIR	supported by specification
Avtech Dome Camera	AVM428B	supported by specification
Avtech Dome Camera	AVM428D	supported by specification

**Preferred Integration Protocol: GenericRTSP (common protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avtech Bullet Camera	AVM457A	supported by specification
Avtech Bullet Camera	AVM458J	supported by specification
Avtech Bullet Camera	AVM459A	supported by specification
Avtech Bullet Camera	AVM459J	supported by specification
Avtech Box Camera	AVM500	supported by specification
Avtech Box Camera	AVM500A	supported by specification
Avtech Dome Camera	AVM511	supported by specification
Avtech Dome Camera	AVM515	supported by specification
Avtech Dome Camera	AVM521A	supported by specification
Avtech Dome Camera	AVM521B	supported by specification
Avtech Dome Camera	AVM521C	supported by specification
Avtech Dome Camera	AVM526	supported by specification
Avtech Dome Camera	AVM542A	supported by specification
Avtech Dome Camera	AVM542J	supported by specification
Avtech Dome Camera	AVM543	supported by specification
Avtech Bullet Camera	AVM552A	supported by specification
Avtech Bullet Camera	AVM552J	supported by specification
Avtech Bullet Camera	AVM552JW	supported by specification
Avtech Bullet Camera	AVM553J	supported by specification
Avtech Bullet Camera	AVM557A	supported by specification
Avtech Bullet Camera	AVM561	supported by specification
Avtech Bullet Camera	AVM561E	supported by specification
Avtech Bullet Camera	AVM561J	supported by specification
Avtech Bullet Camera	AVM565A	supported by specification
Avtech PTZ Camera	AVM571F	supported by specification
Avtech PTZ Camera	AVM571G	supported by specification
Avtech Dome Camera	AVM572F	supported by specification
Avtech PTZ Camera	AVM583	supported by specification
Avtech PTZ Camera	AVM583G	supported by specification
Avtech PTZ Camera	AVM592	supported by specification
Avtech Bullet Camera	AVM807C	supported by specification
Avtech Bullet Camera	AVM837	supported by specification
Avtech Dome Camera	AVM839	supported by specification
Avtech Box Camera	AVN216	supported by specification
Avtech Bullet Camera	AVN257	supported by specification
Avtech Dome Camera	AVN320LA	supported by specification
Avtech Bullet Camera	AVN362V	supported by specification
Avtech Bullet Camera	AVN363V	supported by specification
Avtech Cube Camera	AVN701EZ	supported by specification
Avtech Cube Camera	AVN801	supported by specification
Avtech Dome Camera	AVN805	supported by specification
Avtech Box Camera	AVN806	supported by specification
Avtech Bullet Camera	AVN807A	supported by specification
Avtech Dome Camera	AVN808	supported by specification
Avtech Cube Camera	AVN80X	supported by specification
Avtech Cube Camera	AVN812	supported by specification
Avtech Cube Camera	AVN812Z	ver.1050-1027-1034-1008
Avtech Cube Camera	AVN813	supported by specification
Avtech Cube Camera	AVN90X	supported by specification
Avtech Cube Camera	AVO401	supported by specification
Avtech Box Camera	AVO402	supported by specification
Avtech Dome Camera	AVO403	supported by specification
Avtech Dome Camera	AVP511	supported by specification

**Preferred Integration Protocol: GenericRTSP (common protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Avtech Dome Camera	AVP521A	supported by specification
Avtech Dome Camera	AVP542B	supported by specification
Avtech Bullet Camera	AVP552B	supported by specification
Avtech PTZ Camera	AVP571	supported by specification
Avtech Speed Dome Camera	AVZ592	supported by specification
Avtech Dome Camera	DGM1104	supported by specification
Avtech Bullet Camera	DGM1105	supported by specification
Avtech Dome Camera	DGM1304	supported by specification
Avtech Bullet Camera	DGM1306	supported by specification
Avtech Dome Camera	PIPC20402010	supported by specification



### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS F Series	F34	supported by specification
AXIS F Series	F41	ver.5.55.3.2
AXIS F Series	F44	ver.5.65.1.1
AXIS M10 Network Camera Series	M1004-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1011	ver.5.20.1.0
AXIS M10 Network Camera Series	M1011-W	ver.5.20.2.0
AXIS M10 Network Camera Series	M1013	ver.5.50.5.1
AXIS M10 Network Camera Series	M1014	ver.5.50.5.1
AXIS M10 Network Camera Series	M1025	ver.5.50.5.0
AXIS M10 Network Camera Series	M1031-W	ver.5.20.3.0
AXIS M10 Network Camera Series	M1033-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1034-W	ver.5.50.5.1
AXIS M10 Network Camera Series	M1045-LW	supported by specification
AXIS M10 Network Camera Series	M1054	ver.5.50.3.0
AXIS M10 Network Camera Series	M1065-L	supported by specification
AXIS M10 Network Camera Series	M1065-LW	supported by specification
AXIS M11 Network Camera Series	M1103	ver.5.50.3.0
AXIS M11 Network Camera Series	M1104	ver.5.50.3.0
AXIS M11 Network Camera Series	M1113	ver.5.50.3.0
AXIS M11 Network Camera Series	M1113-E	ver.5.50.3.0
AXIS M11 Network Camera Series	M1114	ver.5.50.3.0
AXIS M11 Network Camera Series	M1114-E	ver.5.50.3.0
AXIS M11 Network Camera Series	M1124	supported by specification
AXIS M11 Network Camera Series	M1124-E	supported by specification
AXIS M11 Network Camera Series	M1125	supported by specification
AXIS M11 Network Camera Series	M1125-E	supported by specification
AXIS M11 Network Camera Series	M1143-L	ver.5.60.1.0
AXIS M11 Network Camera Series	M1144-L	ver.5.60.1.0
AXIS M11 Network Camera Series	M1145	ver.5.55.3.2
AXIS M11 Network Camera Series	M1145-L	ver.5.55.3.2
AXIS M20 Network Camera Series	M2014-E	ver.5.40.12.3
AXIS M20 Network Camera Series	M2025-LE	supported by specification
AXIS M20 Network Camera Series	M2026-LE	supported by specification
AXIS M30 Network Camera Series	M3004-V	ver.5.50.5.1
AXIS M30 Network Camera Series	M3005-V	ver.5.50.5.1
AXIS M30 Network Camera Series	M3006-V	ver.5.55.1.6
AXIS M30 Network Camera Series	M3007-P	ver.5.55.1.4
AXIS M30 Network Camera Series	M3007-PV	ver.5.55.1.4
AXIS M30 Network Camera Series	M3011	ver.5.21.0.0
AXIS M30 Network Camera Series	M3014	ver.5.40.9.3
AXIS M30 Network Camera Series	M3024-LVE	ver.5.50.5.1
AXIS M30 Network Camera Series	M3025-VE	ver.5.50.5.1
AXIS M30 Network Camera Series	M3026-VE	ver.5.55.1.3
AXIS M30 Network Camera Series	M3027-PVE	ver.5.55.1.2
AXIS M30 Network Camera Series	M3037-PVE	ver.5.55.1.2
AXIS M30 Network Camera Series	M3044-V	supported by specification
AXIS M30 Network Camera Series	M3044-WV	supported by specification
AXIS M30 Network Camera Series	M3045-V	supported by specification
AXIS M30 Network Camera Series	M3045-WV	supported by specification
AXIS M30 Network Camera Series	M3046-V	supported by specification

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS M31 Network Camera Series	M3104-L	supported by specification
AXIS M31 Network Camera Series	M3104-LVE	supported by specification
AXIS M31 Network Camera Series	M3105-L	supported by specification
AXIS M31 Network Camera Series	M3105-LVE	supported by specification
AXIS M31 Network Camera Series	M3106-L	supported by specification
AXIS M31 Network Camera Series	M3106-LVE	supported by specification
AXIS M31 Network Camera Series	M3113-R	ver.5.40.9.4
AXIS M31 Network Camera Series	M3113-VE	ver.5.40.9.4
AXIS M31 Network Camera Series	M3114-R	ver.5.40.9.4
AXIS M31 Network Camera Series	M3114-VE	ver.5.40.9.4
AXIS M32 Network Camera Series	M3203	ver.5.50.3.0
AXIS M32 Network Camera Series	M3203-V	ver.5.50.3.0
AXIS M32 Network Camera Series	M3204	ver.5.50.3.0
AXIS M32 Network Camera Series	M3204-V	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5013	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5013-V	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5014	ver.5.50.3.0
AXIS M50 PTZ Dome Network Camera Series	M5014-V	ver.5.50.3.0
AXIS M70 Video Encoder Series	M7001	ver.5.20.2.0
AXIS M70 Video Encoder Series	M7010	ver.5.50.4.1
AXIS M70 Video Encoder Series	M7011	supported by specification
AXIS M70 Video Encoder Series	M7014	ver.5.50.4.1
AXIS M70 Video Encoder Series	M7016	ver.5.51.2.1
AXIS P12 Network Camera Series	P1204	ver.5.40.12.3
AXIS P12 Network Camera Series	P1214	ver.5.40.12.3
AXIS P12 Network Camera Series	P1214-E	ver.5.40.12.3
AXIS P12 Network Camera Series	P1224-E	ver.5.40.12.3
AXIS P12 Network Camera Series	P1244	supported by specification
AXIS P12 Network Camera Series	P1254	supported by specification
AXIS P12 Network Camera Series	P1264	supported by specification
AXIS P13 Network Camera Series	P1311	ver.5.1.2
AXIS P13 Network Camera Series	P1343	ver.5.40.09.7
AXIS P13 Network Camera Series	P1343-E	ver.5.40.09.7
AXIS P13 Network Camera Series	P1344	ver.5.40.9.7
AXIS P13 Network Camera Series	P1344-E	ver.5.40.9.7
AXIS P13 Network Camera Series	P1346	ver.5.40.9.5
AXIS P13 Network Camera Series	P1346-E	ver.5.40.9.5
AXIS P13 Network Camera Series	P1347	ver.5.40.9.3
AXIS P13 Network Camera Series	P1347-E	ver.5.40.9.3
AXIS P13 Network Camera Series	P1353	ver.5.60.1
AXIS P13 Network Camera Series	P1353-E	ver.5.60.1
AXIS P13 Network Camera Series	P1354	ver.5.60.1
AXIS P13 Network Camera Series	P1354-E	ver.5.60.1
AXIS P13 Network Camera Series	P1355	ver.5.60.1
AXIS P13 Network Camera Series	P1355-E	ver.5.60.1
AXIS P13 Network Camera Series	P1357	ver.5.40.19.2
AXIS P13 Network Camera Series	P1357-E	ver.5.40.19.2
AXIS P13 Network Camera Series	P1364	supported by specification
AXIS P13 Network Camera Series	P1364-E	supported by specification
AXIS P13 Network Camera Series	P1365	supported by specification
AXIS P13 Network Camera Series	P1365 Mk II	supported by specification

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P13 Network Camera Series	P1365-E	supported by specification
AXIS P13 Network Camera Series	P1365-E Mk II	supported by specification
AXIS P14 Network Camera Series	P1405-E	supported by specification
AXIS P14 Network Camera Series	P1405-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1405-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1405-LE Mk II	supported by specification
AXIS P14 Network Camera Series	P1425-E	supported by specification
AXIS P14 Network Camera Series	P1425-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1425-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1425-LE Mk II	supported by specification
AXIS P14 Network Camera Series	P1427-E	supported by specification
AXIS P14 Network Camera Series	P1427-L	ver.5.55.3.3
AXIS P14 Network Camera Series	P1427-LE	ver.5.55.3.3
AXIS P14 Network Camera Series	P1428-E	ver.5.55.5.1
AXIS P14 Network Camera Series	P1435-E	supported by specification
AXIS P14 Network Camera Series	P1435-LE	supported by specification
AXIS P32 Network Camera Series	P3214-V	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3214-VE	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3215-V	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3215-VE	ver. 5.55.3.2
AXIS P32 Network Camera Series	P3224-LV	supported by specification
AXIS P32 Network Camera Series	P3224-LV Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-LVE	supported by specification
AXIS P32 Network Camera Series	P3224-LVE Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-V Mk II	supported by specification
AXIS P32 Network Camera Series	P3224-VE Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-LV	supported by specification
AXIS P32 Network Camera Series	P3225-LV Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-LVE	supported by specification
AXIS P32 Network Camera Series	P3225-LVE Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-V Mk II	supported by specification
AXIS P32 Network Camera Series	P3225-VE Mk II	supported by specification
AXIS P33 Network Camera Series	P3301	ver.5.40.9.3
AXIS P33 Network Camera Series	P3301-V	ver.5.40.9.3
AXIS P33 Network Camera Series	P3304	ver.5.40.9.3
AXIS P33 Network Camera Series	P3304-V	ver.5.40.9.3
AXIS P33 Network Camera Series	P3343	ver.5.40.9.7
AXIS P33 Network Camera Series	P3343-V	ver.5.40.9.7
AXIS P33 Network Camera Series	P3343-VE	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344-V	ver.5.40.9.7
AXIS P33 Network Camera Series	P3344-VE	ver.5.40.9.7
AXIS P33 Network Camera Series	P3346	ver.5.50.3
AXIS P33 Network Camera Series	P3346-V	ver.5.50.3
AXIS P33 Network Camera Series	P3346-VE	ver.5.50.3
AXIS P33 Network Camera Series	P3353	ver.5.60.1
AXIS P33 Network Camera Series	P3354	ver.5.60.1
AXIS P33 Network Camera Series	P3363-V	ver.5.60.1.1
AXIS P33 Network Camera Series	P3363-VE	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-LV	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-LVE	ver.5.60.1.1

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS P33 Network Camera Series	P3364-V	ver.5.60.1.1
AXIS P33 Network Camera Series	P3364-VE	ver.5.60.1.1
AXIS P33 Network Camera Series	P3365-V	ver.5.55.3.2
AXIS P33 Network Camera Series	P3365-VE	ver.5.55.3.2
AXIS P33 Network Camera Series	P3367-V	ver.5.60.1
AXIS P33 Network Camera Series	P3367-VE	ver.5.60.1
AXIS P33 Network Camera Series	P3384-V	ver.5.60.1
AXIS P33 Network Camera Series	P3384-VE	ver.5.60.1
AXIS P3707-PE Network Camera	P3707-PE	supported by specification
AXIS P39-R Network Camera Series	P3904-R	ver.5.55.3
AXIS P39-R Network Camera Series	P3905-R	ver.5.55.3
AXIS P39-R Network Camera Series	P3905-RE	ver.5.55.3
AXIS P39-R Network Camera Series	P3915-R	ver.5.55.3
AXIS P54 PTZ Dome Network Camera Series	P5414-E	ver.5.55.1.3
AXIS P54 PTZ Dome Network Camera Series	P5415-E	ver.5.55.1.3
AXIS P55 PTZ Dome Network Camera Series	P5512	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5512-E	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5514	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5514-E	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5515	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5515-E	supported by specification
AXIS P55 PTZ Dome Network Camera Series	P5522	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5522-E	ver.5.50.4
AXIS P55 PTZ Dome Network Camera Series	P5532	ver.5.41.3.1
AXIS P55 PTZ Dome Network Camera Series	P5532-E	ver.5.41.3
AXIS P55 PTZ Dome Network Camera Series	P5534	ver.5.40.9.5
AXIS P55 PTZ Dome Network Camera Series	P5534-E	ver.5.40.9.5
AXIS P55 PTZ Dome Network Camera Series	P5544	ver.5.41.2.2
AXIS P56 PTZ Dome Network Camera Series	P5624-E	ver.5.75.1
AXIS P56 PTZ Dome Network Camera Series	P5624-E Mk II	supported by specification
AXIS P56 PTZ Dome Network Camera Series	P5635-E	ver.5.75.1
AXIS P56 PTZ Dome Network Camera Series	P5635-E Mk II	supported by specification
AXIS P72 Video Encoder Series	P7210	ver.5.50.4.1
AXIS P72 Video Encoder Series	P7214	ver.5.50.4.1
AXIS P72 Video Encoder Series	P7216	ver.5.51.2.1
AXIS P72 Video Encoder Series	P7224 Blade	ver.5.51.2.1
AXIS P8221 Network I/O Audio Module	P8221	ver.5.10.2.0
AXIS P85 Network Camera Series	P8513	ver.5.40.9.4
AXIS P85 Network Camera Series	P8514	ver.5.40.9.4
AXIS P85 Network Camera Series	P8524	ver.5.40.12.3
AXIS P85 Network Camera Series	P8535	supported by specification
AXIS Q16 Network Camera Series	Q1602	ver.5.60.1
AXIS Q16 Network Camera Series	Q1602-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1604	ver.5.60.1
AXIS Q16 Network Camera Series	Q1604-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1614	ver.5.60.1
AXIS Q16 Network Camera Series	Q1614-E	ver.5.60.1
AXIS Q16 Network Camera Series	Q1615	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1615 Mk II	supported by specification
AXIS Q16 Network Camera Series	Q1615-E	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1615-E Mk II	supported by specification

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q16 Network Camera Series	Q1635	ver.5.55.3.5
AXIS Q16 Network Camera Series	Q1635-E	supported by specification
AXIS Q16 Network Camera Series	Q1659	supported by specification
AXIS Q17 Network Camera Series	Q1755	ver.5.50.4
AXIS Q17 Network Camera Series	Q1755-E	ver.5.50.4
AXIS Q17 Network Camera Series	Q1765-LE	ver.5.55.2.3
AXIS Q17 Network Camera Series	Q1765-LE PT Mount	ver.5.55.2.3
AXIS Q17 Network Camera Series	Q1775	supported by specification
AXIS Q17 Network Camera Series	Q1775-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1910	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1910-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1921	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1921-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1922	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1922-E	ver.5.50.4
AXIS Q19 Thermal Camera Series	Q1931	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1931-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1931-E PT Mount	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1932	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1932-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1932-E PT Mount	ver.5.55.4.1
AXIS Q19 Thermal Camera Series	Q1941-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1941-E PT Mount	supported by specification
AXIS Q19 Thermal Camera Series	Q1942-E	supported by specification
AXIS Q19 Thermal Camera Series	Q1942-E PT Mount	supported by specification
AXIS Q29 Series Temperature Alarm Cameras	Q2901	ver.5.55.4.1
AXIS Q29 Series Temperature Alarm Cameras	Q2901-E	supported by specification
AXIS Q29 Series Temperature Alarm Cameras	Q2901-E PT Mount	ver.5.55.4.1
AXIS Q35 Network Camera Series	Q3504-V	supported by specification
AXIS Q35 Network Camera Series	Q3504-VE	supported by specification
AXIS Q35 Network Camera Series	Q3505-SVE Mk II	supported by specification
AXIS Q35 Network Camera Series	Q3505-V	ver.5.55.3.6
AXIS Q35 Network Camera Series	Q3505-V Mk II	supported by specification
AXIS Q35 Network Camera Series	Q3505-VE	ver.5.55.3.6
AXIS Q35 Network Camera Series	Q3505-VE Mk II	supported by specification
AXIS Q36 Network Camera Series	Q3615-VE	supported by specification
AXIS Q36 Network Camera Series	Q3617-VE	supported by specification
AXIS Q37 Network Camera Series	Q3708-PVE	supported by specification
AXIS Q37 Network Camera Series	Q3709-PVE	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6000-E1	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6032	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6032-C	ver.5.41.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6032-E	ver.5.41.1.4
AXIS Q60 PTZ Dome Network Camera Series	Q6034	ver.5.41.1.1
AXIS Q60 PTZ Dome Network Camera Series	Q6034-C	ver.5.41.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6034-E	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6035	ver.5.41.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6035-C	ver.5.41.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6035-E	ver.5.41.1.4

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS Q60 PTZ Dome Network Camera Series	Q6042	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6042-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6042-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6042-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6044-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6044-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045 Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-C	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045-C Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-E	ver.5.55.1.3
AXIS Q60 PTZ Dome Network Camera Series	Q6045-E Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6045-S	ver.5.55.1.2
AXIS Q60 PTZ Dome Network Camera Series	Q6045-S Mk II	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6052	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6052-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6054	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6054-E	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055-C	supported by specification
AXIS Q60 PTZ Dome Network Camera Series	Q6055-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6114-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6115-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6128-E	supported by specification
AXIS Q61 PTZ Dome Network Camera Series	Q6155-E	supported by specification
AXIS Q74 Video Encoder Series	Q7401	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7404	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7406	ver.5.51.2
AXIS Q74 Video Encoder Series	Q7406 Blade	supported by specification
AXIS Q74 Video Encoder Series	Q7411	ver.5.40.13.2
AXIS Q74 Video Encoder Series	Q7414	ver.5.51.2
AXIS Q74 Video Encoder Series	Q7414 Blade	supported by specification
AXIS Q74 Video Encoder Series	Q7424-R	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7424-R Mk II	ver.5.50.4
AXIS Q74 Video Encoder Series	Q7436	ver.5.55.3.6
AXIS Q74 Video Encoder Series	Q7436 Blade	supported by specification
AXIS Q86 PTH Network Camera Series	Q8631-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8632-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8665-E	supported by specification
AXIS Q86 PTH Network Camera Series	Q8665-LE	supported by specification
AXIS Q8414-LVS Network Camera	Q8414-LVS	ver.5.40.1.1
AXIS Q87-E Network Camera Series	Q8721-E	ver.5.50.4.1
AXIS Q87-E Network Camera Series	Q8722-E	ver.5.50.4.1
AXIS V59 PTZ Network Camera Series	V5914	ver.5.75.1
AXIS V59 PTZ Network Camera Series	V5915	ver.5.75.1
AXIS A8004-VE Network Video Door Station	A8004-VE	ver.5.65.1.1
AXIS A8005-E Network Video Door Station	A8005-E	supported by specification
AXIS XF40 Explosion-protected cameras	XF40-Q1765	supported by specification
AXIS XP40 Explosion-protected cameras	XP40-Q1765	supported by specification

### Preferred Integration Protocol: VAPIX3 (native AXIS protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs; Zipstream

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Axis embedded analytic detectors, ISS SecurOS Auto LP-Capture

**Controls:** Pan, Tilt, Zoom/Zoom in on the selected area; Focus, Iris; Presets (Add/Update/Remove, Home preset); Tours (by Presets/Recorded); Wiper; Sensors (inputs); Relays (outputs)

**Dewarping:** Live and Archive videos; ePTZ

**Network:** Autodiscovery; Basic or Digest access authentication; IP-address/DNS

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS XF60 Explosion-protected cameras	XF60-Q1765	supported by specification

## Preferred Integration Protocol: VAPIX2 (native AXIS protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
AXIS 206 Network Camera Series	206	ver.4.40.1
AXIS 206 Network Camera Series	206M	ver.4.40.1
AXIS 206 Network Camera Series	206W	ver.4.40.1
AXIS 207 Network Camera Series	207	ver.4.40.3
AXIS 207 Network Camera Series	207MW	ver.4.44.1
AXIS 207 Network Camera Series	207W	ver.4.44.2
AXIS 209 Network Camera Series	209FD	ver.4.47.2
AXIS 209 Network Camera Series	209FD-R	ver.4.47.2
AXIS 209 Network Camera Series	209MFD	ver.4.47.1
AXIS 209 Network Camera Series	209MFD-R	ver.4.47.1
AXIS 210 Network Camera Series	210	ver.4.40.2
AXIS 210 Network Camera Series	2100	ver.2.12
AXIS 210 Network Camera Series	210A	ver.4.47.1
AXIS 211 Network Camera Series	211	ver.4.40.2
AXIS 2110 Network Camera	2110	supported by specification
AXIS 211 Network Camera Series	211A	ver.4.47.1
AXIS 211 Network Camera Series	211M	ver.4.49
AXIS 211 Network Camera Series	211W	ver.4.44.1
AXIS 212 PTZ Network Camera Series	212 PTZ	ver.4.49
AXIS 212 PTZ Network Camera Series	212 PTZ-V	ver.4.49
AXIS 213 PTZ Network Camera	213 PTZ	ver.4.35
AXIS 214 PTZ Network Camera	214 PTZ	ver.4.49
AXIS 215 PTZ Network Camera Series	215 PTZ	ver.4.49
AXIS 215 PTZ Network Camera Series	215 PTZ-E	ver.4.49
AXIS 216 Network Camera Series	216FD	ver.4.47.5
AXIS 216 Network Camera Series	216FD-V	ver.4.47.5
AXIS 216 Network Camera Series	216MFD	ver.4.47
AXIS 216 Network Camera Series	216MFD-V	ver.4.47
AXIS 221 Network Camera	221	ver.4.49.1
AXIS 223M Network Camera	223M	ver.4.47.1
AXIS 225FD Network Camera	225FD	ver.4.49
AXIS 231D PTZ Network Camera Series	231D	supported by specification
AXIS 231D PTZ Network Camera Series	231D+	ver.4.47.1
AXIS 232D PTZ Network Camera Series	232D	supported by specification
AXIS 232D PTZ Network Camera Series	232D+	ver.4.47.1
AXIS 233 PTZ Network Camera	233D	ver.4.48.4
AXIS 2400+ Video Encoder	2400+	ver.4.40.1
AXIS 240 Video Encoder Series	240Q/240Q Blade	ver.4.49
AXIS 241 Video Encoder Series	241Q/241Q Blade	ver.4.47.5
AXIS 241QA Video Encoder	241QA	ver.4.47
AXIS 241S Video Encoder Series	241S/241S Blade	ver.4.47.2
AXIS 241SA Video Encoder	241SA	ver.4.47.2
AXIS 243Q Video Encoder Series	243Q/243Q Blade	ver.4.41
AXIS 243SA Video Encoder	243SA	ver.4.41
AXIS 247S Video Encoder	247S	ver.4.42



### Preferred Integration Protocol: CGI (native Basler protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**I/O:** Inputs, Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Basler IP Fixed Box Camera	BIP2-1000c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1000c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1280c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1280c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1300c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1300c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1600-25c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1600-25c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1600c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1600c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1920-30c	ver.3.8.1
Basler IP Fixed Box Camera	BIP2-1920c-25c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1920c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-1920c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-2500c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-2500c-dn	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-640c	ver.3.8.0
Basler IP Fixed Box Camera	BIP2-640c-dn	ver.3.8.0
Basler IP Fixed Dome Camera	BIP2-D1000c-dn	ver.3.8.0
Basler IP Fixed Dome Camera	BIP2-D1300c-dn	ver.3.8.0
Basler IP Fixed Dome Camera	BIP2-D1920c-dn	ver.3.8.0
Basler IP Fixed Dome Camera	BIP2-D1920c-dn-af	ver.3.8.0

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Balter Fixed Box Camera	IP-B1403	supported by specification
Balter Fixed Box Camera	IP-B3	supported by specification
Balter Fixed Box Camera	IP-B3S	supported by specification
Balter Fixed Dome Camera	IP-D1243VR	supported by specification
Balter Fixed Dome Camera	IP-D1443VR	supported by specification
Balter Fixed Dome Camera	IP-E1211R	supported by specification
Balter Fixed Dome Camera	IP-E1411R	supported by specification
Balter Fixed Bullet Camera	IP-MT1411GR	supported by specification
Balter Fixed Bullet Camera	IP-MT1411R	supported by specification
Balter Fixed Bullet Camera	IP-T1241GR	supported by specification
Balter Fixed Bullet Camera	IP-T1441GR	supported by specification
Balter Fixed Bullet Camera	IP-T3443GR	supported by specification
Balter Fixed Bullet Camera	IP-T3443R	supported by specification
Balter Fixed Bullet Camera	NTI-1301IR	supported by specification
Balter PTZ Camera	NTI-2000PTZ	supported by specification
Balter Fixed Bullet Camera	NTI-2004IR	supported by specification
Balter Fixed Bullet Camera	NTI-2004IR-WIFI	supported by specification
Balter Fixed Bullet Camera	NTI-2005IR	supported by specification
Balter Fixed Bullet Camera	NTI-2005MIR	supported by specification
Balter Fixed Bullet Camera	NTI-3001IR	ver. 5.1.6
Balter Fixed Bullet Camera	NTI-3005IR	supported by specification
Balter Fixed Bullet Camera	NTI-4001IR	supported by specification
Balter Fixed Bullet Camera	NTI-4005MIR	supported by specification
Balter Fixed Dome Camera	NTI-D1301IR	supported by specification
Balter Fixed Dome Camera	NTI-D1308IR-WIFI	ver. 5.1.6
Balter Fixed Dome Camera	NTI-D2002	supported by specification
Balter Fixed Dome Camera	NTI-D2007IR	supported by specification
Balter Fixed Dome Camera	NTI-D2007IR-WIFI	supported by specification
Balter Fixed Dome Camera	NTI-D2008IR-WIFI	supported by specification
Balter Fixed Dome Camera	NTI-D2009IR	supported by specification
Balter Fixed Dome Camera	NTI-D2012IR	supported by specification
Balter Fixed Dome Camera	NTI-D2014MIR	supported by specification
Balter Fixed Dome Camera	NTI-D3006IR	supported by specification
Balter Fixed Dome Camera	NTI-D3008IR-WIFI	supported by specification
Balter Fixed Dome Camera	NTI-D3012IR	supported by specification
Balter Fixed Dome Camera	NTI-D3015IR	supported by specification
Balter Fixed Dome Camera	NTI-D4007IR	supported by specification
Balter Fixed Dome Camera	NTI-D4008IR-WIFI	supported by specification
Balter Fixed Dome Camera	NTI-D4014MIR	supported by specification
Balter PTZ Camera	NTI-S2004PTZ-ID	supported by specification
Balter PTZ Camera	NTI-T2020IR-PTZ	supported by specification
Balter PTZ Camera	NTI-T3020IR-PTZ	supported by specification

### Preferred Integration Protocol: CGI (native Beward protocol)

**Video:** All channels available in device; 1 stream; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Beward PTZ IP Camera	B89R-3270Z18	ver.bw20150624NSXp
Beward PTZ IP Camera	B89R-5260Z18	supported by specification
Beward PTZ IP Camera	BD133	ver.bw20131205NSA
Beward PTZ IP Camera	BD133P	ver.bw20150707NSA
Beward PTZ IP Camera	BD134P	supported by specification
Beward PTZ IP Camera	BD135	ver.bw20131205NSA
Beward PTZ IP Camera	BD135P	ver.bw20150707NSA
Beward PTZ IP Camera	BD136P	supported by specification
Beward PTZ IP Camera	BD137P	ver.bw20150601NSZ
Beward IP Camera	BD2070DV	ver.w20130117ANS
Beward IP Camera	BD2070DVH	ver.w20130117BNS
Beward IP Camera	BD2570	ver.bw20150707NSA
Beward IP Camera	BD2570DVZ	ver.bw20150707NSA
Beward IP Camera	BD2570RVZ	ver.bw20150707NSA
Beward IP Camera	BD2570RVZX	ver.bw20150617NSX
Beward IP Camera	BD3070	ver.w20100722NS
Beward IP Camera	BD3170	ver.bw20150617NSX
Beward IP Camera	BD3270	ver.bw20150617NSX
Beward IP Camera	BD3270RVZX	supported by specification
Beward IP Camera	BD3270Z	ver.bw20150617NSX
Beward IP Camera	BD3270Z18	supported by specification
Beward IP Camera	BD3370	ver.bw20150707NSA
Beward IP Camera	BD3370DRV	supported by specification
Beward IP Camera	BD3570	ver.bw20150707NSA
Beward IP Camera	BD3570D	ver.bw20150707NSA
Beward IP Camera	BD3570DM	ver.bw20150707NSA
Beward IP Camera	BD3570DR	ver.bw20150707NSA
Beward IP Camera	BD3570DRV	ver.bw20150707NSA
Beward IP Camera	BD3570DRZ	ver.bw20150707NSA
Beward IP Camera	BD3570DV	ver.bw20150707NSA
Beward IP Camera	BD3570DVZ	ver.bw20150707NSA
Beward IP Camera	BD3570RC	ver.bw20150707NSA
Beward IP Camera	BD3570RCV	supported by specification
Beward IP Camera	BD3570RCV2	ver.bw20150707NSA
Beward IP Camera	BD3570RV	ver.bw20150707NSA
Beward IP Camera	BD3570RVZ	ver.bw20150707NSA
Beward IP Camera	BD3570RVZX	ver.bw20131205NSA
Beward IP Camera	BD3590Z30	ver.bw20150601NSZ
Beward IP Camera	BD35C	ver.bw20150707NSA
Beward IP Camera	BD3670FL	ver.bw20150601NSZ
Beward IP Camera	BD3670FL2	supported by specification
Beward IP Camera	BD3670M	ver.bw20150601NSZ
Beward IP Camera	BD3730M	supported by specification
Beward IP Camera	BD3990FL2	supported by specification
Beward IP Camera	BD3990FLM	supported by specification
Beward IP Camera	BD4070	ver.w20130117ANS
Beward IP Camera	BD4070D	ver.w20130117ANS
Beward IP Camera	BD4070DH	ver.w20130117BNS
Beward IP Camera	BD4070DV	ver.w20130117ANS
Beward IP Camera	BD4070H	ver.w20130117BNS
Beward IP Camera	BD4070R	ver.w20130117ANS
Beward IP Camera	BD4330	ver.bw20131205NSA
Beward IP Camera	BD4330D	ver.bw20131205NSA
Beward IP Camera	BD4330DH	ver.bw20131205NSA

**Preferred Integration Protocol: CGI (native Beward protocol)**

- Video:** All channels available in device; 1 stream; H.264, MJPEG codecs
- Audio:** All channels available in device; One-way (in); G.711 codec
- PTZ:** Pan, Tilt, Zoom; Presets
- I/O:** Inputs, Outputs
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Beward IP Camera	BD4330DM	ver.bw20150707NSA
Beward IP Camera	BD4330DS	ver.bw20140516NSA
Beward IP Camera	BD4330DV	ver.bw20131205NSA
Beward IP Camera	BD4330DVH	ver.bw20131205NSA
Beward IP Camera	BD4330H	ver.bw20150707NSA
Beward IP Camera	BD4330R	ver.bw20131205NSA
Beward IP Camera	BD4330RH	ver.bw20131205NSA
Beward IP Camera	BD4330RV	ver.bw20131205NSA
Beward IP Camera	BD4330RVH	ver.bw20131205NSA
Beward IP Camera	BD4330RVZ	ver.bw20150707NSA
Beward IP Camera	BD4330RVZH	ver.bw20150707NSA
Beward IP Camera	BD4330RVZX	ver.bw20150707NSA
Beward IP Camera	BD4370	ver.bw20131205NSA
Beward IP Camera	BD4370D	supported by specification
Beward IP Camera	BD4370DV	supported by specification
Beward IP Camera	BD4370R	supported by specification
Beward IP Camera	BD4370RV	supported by specification
Beward IP Camera	BD43C	ver.bw20150707NSA
Beward IP Camera	BD43CW	ver.bw20140805NSA-WiFi
Beward IP Camera	BD4570	ver.bw20131205NSA
Beward IP Camera	BD4630RC	ver.bw20150707NSA
Beward IP Camera	BD4630RCV2	ver.bw20150707NSA
Beward IP Camera	BD4640DM	supported by specification
Beward IP Camera	BD4640DR	supported by specification
Beward IP Camera	BD4640DS	supported by specification
Beward IP Camera	BD4640RC	ver.bw20150707NSA
Beward IP Camera	BD4640RCV2	supported by specification
Beward IP Camera	BD4680	supported by specification
Beward IP Camera	BD4680DRV	supported by specification
Beward IP Camera	BD4680DRZ	supported by specification
Beward IP Camera	BD4680DV	supported by specification
Beward IP Camera	BD4680DVZ	supported by specification
Beward IP Camera	BD4680RV	supported by specification
Beward IP Camera	BD4680RVZ	supported by specification
Beward IP Camera	BD4690RV	ver.bw20150601NSZ
Beward IP Camera	BD4690RVZ	ver.bw20150707NSA
Beward IP Camera	BD5260	supported by specification
Beward IP Camera	BD5260Z18	supported by specification
Beward IP Camera	BD46C	supported by specification
Beward PTZ IP Camera	BD65-1	ver.w20130117ANS
Beward PTZ IP Camera	BD65-5	ver.w20130117ANS
Beward PTZ IP Camera	BD75-1	supported by specification
Beward PTZ IP Camera	BD75-1P	supported by specification
Beward PTZ IP Camera	BD75-5	ver.w20130117ANS
Beward PTZ IP Camera	BD75-5P	supported by specification

### Preferred Integration Protocol: CGI (native Beward protocol)

**Video:** All channels available in device; up to 2 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Encoder	B1001	supported by specification
Beward IP Encoder	B1001-3G	supported by specification
Beward IP Encoder	B1001W	supported by specification
Beward IP Encoder	B1001P	supported by specification
Beward IP Encoder	B1012	supported by specification
Beward IP Encoder	B1014	ver.3.1.0.0.2.21
Beward IP Encoder	B1014H	supported by specification
Beward IP Encoder	B1018	ver.3.1.0.0.2.21
Beward IP Encoder	B101S	ver.3.1.0.0.1.18
Beward IP Encoder	B1114	supported by specification
Beward IP Encoder	B102S	ver.3.1.0.0.3.18
Beward IP Camera	B1055	supported by specification
Beward IP Camera	B1055D	supported by specification
Beward IP Camera	B1062	supported by specification
Beward IP Camera	B1062DX	supported by specification
Beward IP Camera	B1070	supported by specification
Beward IP Camera	B1070D	supported by specification
Beward IP Camera	B1072	supported by specification
Beward IP Camera	B1072D	supported by specification
Beward IP Camera	B1073	supported by specification
Beward IP Camera	B1073DX	supported by specification
Beward IP Camera	B1073DXP	supported by specification
Beward IP Camera	B1076FRV	supported by specification
Beward IP Camera	B12C	ver.3.1.0.1.4.18
Beward IP Camera	B12CW	ver.3.1.0.1.4.18
Beward IP Camera	B1210R	ver.3.1.0.1.4.18
Beward IP Camera	B1210DM	ver.3.1.0.1.4.18
Beward PTZ IP Camera	B130	supported by specification
Beward IP Camera	B1510	ver.3.1.0.1.5.18
Beward IP Camera	B1510RV	ver.3.1.0.1.5.18
Beward IP Camera	B1510DR	ver.3.1.0.1.5.18
Beward IP Camera	B1510RCVZ	ver.3.1.0.1.5.18
Beward IP Camera	B1710	supported by specification
Beward IP Camera	B1710DM	ver.3.1.0.1.4.18
Beward IP Camera	B1710DMR	ver.3.1.0.1.4.18
Beward IP Camera	B1710RV	supported by specification
Beward IP Camera	B1710DV	ver.3.1.0.1.4.18
Beward IP Camera	B1710DR	ver.3.1.0.1.4.18
Beward IP Camera	B1720	supported by specification
Beward IP Camera	B2250	supported by specification
Beward IP Camera	B2710	ver.3.1.0.0.3.17
Beward IP Camera	B2710DM	supported by specification
Beward IP Camera	B2710DMR	ver.3.1.0.0.3.17
Beward IP Camera	B2710DR	ver.3.1.0.0.3.17
Beward IP Camera	B2710DVZ	ver.3.1.0.0.3.17
Beward IP Camera	B2710R	ver.3.1.0.0.3.17
Beward IP Camera	B2710RV	ver.3.1.0.0.3.17
Beward IP Camera	B2710RVZ	ver.3.1.0.0.3.17
Beward IP Camera	B2710RZQ	ver.3.1.0.0.3.17
Beward IP Camera	B2710RZK	ver.3.1.0.0.3.17
Beward IP Camera	B2720	supported by specification
Beward IP Camera	B2720DV	ver.3.1.0.0.2.16
Beward IP Camera	B2720DVZ	supported by specification
Beward IP Camera	B2720RV	supported by specification

**Preferred Integration Protocol: CGI** (native Beward protocol)

**Video:** All channels available in device; up to 2 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Camera	B2720RVQ	ver. 3.1.0.0.2.16
Beward IP Camera	B2720RVZ	supported by specification
Beward IP Camera	B2720RZK	supported by specification
Beward IP Camera	B2720RZQ	supported by specification
Beward IP Camera	B5650	supported by specification
Beward IP Camera	B2.920DX	supported by specification
Beward IP Camera	B2.920F	supported by specification
Beward IP Camera	B2.920D	supported by specification
Beward IP Camera	B2.920DXP	supported by specification
Beward IP Camera	B2.970	supported by specification
Beward IP Camera	B2.970F	supported by specification
Beward IP Camera	B2.980	supported by specification
Beward IP Camera	B2.980F	supported by specification
Beward IP Camera	B2.980FP	supported by specification
Beward PTZ IP Camera	B54-1-IP2	supported by specification
Beward PTZ IP Camera	B54-2-IP2	supported by specification
Beward PTZ IP Camera	B54-3-IP2	supported by specification
Beward PTZ IP Camera	B54-5-IP2	supported by specification
Beward PTZ IP Camera	B54-6-IP2	supported by specification
Beward PTZ IP Camera	B54-7-IP2	supported by specification
Beward PTZ IP Camera	B55-3	supported by specification
Beward PTZ IP Camera	B55-3H	ver. 3.1.0.0.2.19
Beward PTZ IP Camera	B85-2-IP	supported by specification
Beward PTZ IP Camera	B85-5-IP2	supported by specification
Beward PTZ IP Camera	B85-7-IP	supported by specification
Beward PTZ IP Camera	B85-20	supported by specification
Beward PTZ IP Camera	B85-20H	ver. 3.1.0.0.2.19
Beward PTZ IP Camera	B96-30	supported by specification
Beward PTZ IP Camera	B96-30H	ver. 3.1.0.0.2.19
Beward PTZ IP Camera	B87L-7-IP	supported by specification

### Preferred Integration Protocol: CGI (native Beward protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Beward IP Camera	N100	supported by specification
Beward IP Camera	N1000	ver.MG.1.6.03P7
Beward IP Camera	N120	supported by specification
Beward IP Camera	N1250	ver.MG.1.6.03P7
Beward IP Camera	N13100	ver.MG.1.6.03P7
Beward IP Camera	N13101	supported by specification
Beward IP Camera	N13102	ver.MG.1.6.03P10_sign1
Beward IP Camera	N13103	ver.MG.1.6.03P10_sign1
Beward IP Camera	N13200	ver.M2.1.6.03C025
Beward IP Camera	N13201	ver.M2.1.6.03C025
Beward IP Camera	N300	supported by specification
Beward IP Camera	N320	supported by specification
Beward IP Camera	N35110	ver.MG.1.6.03P7
Beward IP Camera	N37210	ver.M2.1.6.03C025
Beward IP Camera	N500	supported by specification
Beward IP Camera	N520	supported by specification
Beward IP Camera	N600	supported by specification
Beward IP Camera	N630	supported by specification
Beward IP Camera	N6601	ver.LM.1.6.18P9
Beward IP Camera	N6603	ver.LM.1.6.18P10_sign5

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
BSP Security Fixed Bullet series	1.3MP-BUL-2.8-12	supported by specification
BSP Security Fixed Bullet series	1.3MP-BUL-3.6	supported by specification
BSP Security Fixed Bullet series	1.3MP-BUL-4	supported by specification
BSP Security Fixed Bullet series	1.3MP-BUL-5.0-60	supported by specification
BSP Security Fixed Bullet series	1.3MP-BUL-6	supported by specification
BSP Security Fixed Bullet series	1.3MP-BUL-6.0-22	supported by specification
BSP Security Fixed Dome series	1.3MP-DOM-2.8	supported by specification
BSP Security Fixed Dome series	1.3MP-DOM-3.6	supported by specification
BSP Security Fixed Dome series	1.3MP-DOM-4	supported by specification
BSP Security Fixed Dome series	1.3MP-DOM-6	supported by specification
BSP Security Fixed Dome series	1080-MVFD-3.6	supported by specification
BSP Security Fixed Box series	1080p-BOX-3610PVA	supported by specification
BSP Security PTZ series	1080p-BSA-944720-SLPTZB	supported by specification
BSP Security Fixed Dome series	1080p-DOM-3610PVA	supported by specification
BSP Security Fixed Bullet series	1080p-ESP-3.6	supported by specification
BSP Security Fixed Bullet series	1080P-MVF-2.8-12	supported by specification
BSP Security Fixed Dome series	1080P-MVF-2.8-12 Motorized	supported by specification
BSP Security Fixed Dome series	1080P-MVF-9-22	supported by specification
BSP Security Fixed Bullet series	1080p-MVF-BUL2,8-12	supported by specification
BSP Security Fixed Dome series	1080P-MVFD-2.8-12	supported by specification
BSP Security PTZ series	1080p-PTZ-43129PVA	supported by specification
BSP Security Fixed Dome series	1080P-PVA28	supported by specification
BSP Security Fixed Bullet series	1080P-SDV-2.7-12	supported by specification
BSP Security Fixed Dome series	1080p-SDV-DOM-3.6	supported by specification
BSP Security PTZ series	1080P-SDV-PTZ	supported by specification
BSP Security Fixed Bullet series	1080-PVA-2812	supported by specification
BSP Security Fixed Bullet series	1080-PVA-2812DC	supported by specification
BSP Security Fixed Bullet series	1080-PVA-650LDC	supported by specification
BSP Security Fixed Bullet series	1080-SDV-2.8-12	supported by specification
BSP Security Fixed Bullet series	1080-SDV-3.6	supported by specification
BSP Security Fixed Bullet series	12MP-BUL-3.6-10	supported by specification
BSP Security Fixed Dome series	12MP-DOM-1.8	supported by specification
BSP Security Fixed Dome series	12MP-DOM-6	supported by specification
BSP Security Fixed Box series	12MP-BOX	supported by specification
BSP Security Fixed Box series	12MP-BOX-2.8-12	supported by specification
BSP Security Fixed Bullet series	1520BSA1228SLB	supported by specification
BSP Security Fixed Bullet series	1520BSA36SLB	supported by specification
BSP Security Fixed Dome series	1520-KES-2812M	supported by specification
BSP Security Fixed Bullet series	1520p-BSA-1228-SLBB	supported by specification
BSP Security Fixed Bullet series	1520p-BUL-2.8-12-GS	supported by specification
BSP Security Fixed Dome series	1520p-VAK-2.8-12-DOM	supported by specification
BSP Security Fixed Bullet series	1520p-VAK-3.6-BUL	supported by specification
BSP Security Fixed Dome series	1520p-VAK-3.6-DOM	supported by specification
BSP Security PTZ series	1536p-PTZ-43129PVA	supported by specification
BSP Security Fixed Dome series	1536P-SDV-2.7-12	supported by specification
BSP Security Fixed Bullet series	1536p-VAK-2.8-12-BUL	supported by specification
BSP Security Fixed Box series	1920p-BOX-3610PVA	supported by specification
BSP Security Fixed Bullet series	1920p-BUL-3610GIA	supported by specification
BSP Security Fixed Dome series	1920p-DOM-3610GIA	supported by specification
BSP Security Fixed Bullet series	1920p-MVF-BUL3.6	supported by specification
BSP Security PTZ series	1920p-SDV-PTZ-36xZOOM	supported by specification



### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
BSP Security Fixed Bullet series	2160p-BUL-3610-NES	supported by specification
BSP Security Fixed Dome series	2160p-DOM-3610-NES	supported by specification
BSP Security Fixed Bullet series	2560-BUL-36ABV	supported by specification
BSP Security Fixed Dome series	2560-DOM-3610ABV	supported by specification
BSP Security Fixed Dome series	2560-DOM-3610-NES	supported by specification
BSP Security Fixed Dome series	2560-MVF-3.6-10 Motorized	supported by specification
BSP Security Fixed Bullet series	2560p-BUL-3610ABV	supported by specification
BSP Security Fixed Bullet series	2560p-BUL-3610-NES	supported by specification
BSP Security Fixed Box series	2560P-SDV-BOX	supported by specification
BSP Security Fixed Box series	2MP-BOX-185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8 IMX185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8 IMX290	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 DV	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX290	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX290 Motorized	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX291 Motorized	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 IMX185 Motorized	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 KN	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 Motorized	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-2.8-12 Starvis	ver.2.5.0.6
BSP Security Fixed Bullet series	2MP-BUL-2.8-12M-0218	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.5-16-SMD	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6 DV	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6 Wi-Fi	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6-10 MV185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6NES	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-4	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-4 IMX290	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-4 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6 IMX185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6 IMX290	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6.0-22	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6.0-22 IMX291	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6.0-22 IMX185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6.0-22 IMX290	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-6-50NES	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-IR	supported by specification
BSP Security Fixed Cube series	2MP-CUB-2.8	supported by specification
BSP Security Fixed Dome series	2MP-DOM-1.8	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8 IMX291	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX185 Motorized	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX290 Motorized	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX291 Motorized	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX185	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 IMX291	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12 Motorized	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8-12M-0220	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.5-16-SMD	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6 DV	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6 Wi-Fi	supported by specification
BSP Security Fixed Dome series	2-MP-DOM-3.6-10 MV185	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6NES	supported by specification
BSP Security Fixed Dome series	2MP-DOM-4 IMX185	supported by specification
BSP Security Fixed Dome series	2MP-DOM-4 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-4 IMX291	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6 IMX291	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6.0-22 IMX291	supported by specification
BSP Security Fixed Dome series	2MP-DOM-KSD	supported by specification
BSP Security PTZ series	2MP-PTZ-4.7-94	supported by specification
BSP Security PTZ series	2MP-PTZ-6.8-272	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6 2MP-BUL-4 IMX185	supported by specification
BSP Security Fixed Bullet series	2MP-BUL-3.6 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-4	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8	supported by specification
BSP Security Fixed Dome series	2MP-DOM-2.8 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6.0-22	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6.0-22 IMX185	supported by specification
BSP Security Fixed Dome series	2MP-DOM-6.0-22 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6 IMX290	supported by specification
BSP Security Fixed Dome series	2MP-DOM-3.6 IMX291	supported by specification
BSP Security Fixed Box series	2MP-BOX	supported by specification
BSP Security Fixed Box series	2MP-BOX IMX185	supported by specification
BSP Security Fixed Box series	2MP-BOX IMX290	supported by specification
BSP Security Fixed Box series	2MP-BOX-2.8-12 IMX291 Motorized	supported by specification
BSP Security Fixed Box series	2MP-BOX-2.8-12 IMX290 Motorized	supported by specification
BSP Security Fixed Box series	2MP-BOX-2.8-12 Motorized	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12 DM	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12 GL	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12 GX	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12 Motorized	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8-12VL	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-3.6-10	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-4	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-6	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-6.0-22	supported by specification
BSP Security Fixed Dome series	4MP-DOM-2.7-12 IR+	supported by specification
BSP Security Fixed Dome series	4MP-DOM-2.8	supported by specification
BSP Security Fixed Dome series	4MP-DOM-2.8 IR+	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
BSP Security Fixed Dome series	4MP-DOM-2.8-12	supported by specification
BSP Security Fixed Dome series	4MP-DOM-2.8-12VL	supported by specification
BSP Security Fixed Dome series	4MP-DOM-3.6-10	supported by specification
BSP Security Fixed Dome series	4MP-DOM-6	supported by specification
BSP Security Fixed Dome series	4MP-DOM-6-22	supported by specification
BSP Security Fixed Dome series	4MP-DOM-2.8-12 Motorized	supported by specification
BSP Security Fixed Dome series	4MP-DOM-4	supported by specification
BSP Security Fixed Dome series	4MP-DOM-3.6	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-2.8	supported by specification
BSP Security Fixed Bullet series	4MP-BUL-3.6	supported by specification
BSP Security Fixed Box series	4MP-BOX	supported by specification
BSP Security Fixed Box series	4MP-BOX-2.8-12 Motorized	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-2.8	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-2.8-12	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-2.8-12 Motorized	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-3.6-10 INT-S	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-4	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-6	supported by specification
BSP Security Fixed Dome series	5MP-DOM-2.8 GX	supported by specification
BSP Security Fixed Dome series	5MP-DOM-2.8-12	supported by specification
BSP Security Fixed Dome series	5MP-DOM-2.8-12 Motorized	supported by specification
BSP Security Fixed Dome series	5MP-DOM-3.6-10 INT-S	supported by specification
BSP Security Fixed Dome series	5MP-DOM-4	supported by specification
BSP Security Fixed Dome series	5MP-DOM-6	supported by specification
BSP Security Fixed Bullet series	5MP-BUL-3.6-10	supported by specification
BSP Security Fixed Dome series	5MP-DOM-2.8	supported by specification
BSP Security Fixed Dome series	5MP-DOM-3.6	supported by specification
BSP Security Fixed Dome series	5MP-DOM-3.6-10	ver. 8.2.60.44
BSP Security Fixed Bullet series	5MP-BUL-3.6	supported by specification
BSP Security Fixed Box series	5MP-BOX	supported by specification
BSP Security Fixed Box series	5MP-BOX-2.8-12 Motorized	supported by specification
BSP Security Fixed Dome series	960-PVA-36	supported by specification
BSP Security Fixed Dome series	960-PVA-36Sound	supported by specification
BSP Security Fixed Bullet series	BO50-VF-01	supported by specification
BSP Security Fixed Bullet series	BSA1080P2812BM	supported by specification
BSP Security Fixed Bullet series	BSA1080P5060DM	supported by specification
BSP Security Fixed Bullet series	BSP-1920-NES	supported by specification
BSP Security Fixed Dome series	BSP-2560-NES	supported by specification
BSP Security Fixed Bullet series	BSP-2MP-BUL-S-G(Ids)	supported by specification
BSP Security Fixed Dome series	BSP-2MP-DOM-S-G	supported by specification
BSP Security Fixed Dome series	BSP-BSA-1080P63DMSK	supported by specification
BSP Security Fixed Box series	BSP-DM-0020	supported by specification
BSP Security Fixed Dome series	BSP-DOM-4.2-NT	supported by specification
BSP Security Fixed Bullet series	BSP-DV-2812BUL	supported by specification
BSP Security PTZ series	BSP-PTZ20-01	supported by specification
BSP Security PTZ series	BSP-PTZ20-04	supported by specification
BSP Security PTZ series	BSP-PTZ20-05	supported by specification
BSP Security PTZ series	BSP-PTZ20-06-SZ	supported by specification
BSP Security PTZ series	PTZ20-10x-01	supported by specification
BSP Security PTZ series	PTZ20-20x-01	supported by specification
BSP Security PTZ series	PTZ20-20x-02	supported by specification
BSP Security PTZ series	PTZ20-36x-01	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
BSP Security PTZ series	PTZ20-40x-01	supported by specification
BSP Security PTZ series	PTZ20VL-0622x ZOOM	supported by specification
BSP Security PTZ series	PTZ-MVF-2036x-01	supported by specification
BSP Security Fixed Bullet series	SafeCity1-pro	supported by specification
BSP Security Fixed Bullet series	SafeCity1-pro2	supported by specification
BSP Security PTZ series	SafeCity2-pro	supported by specification
BSP Security PTZ series	SafeCity2-pro2	supported by specification
BSP Security Fixed Bullet series	SafeCity3	supported by specification
BSP Security Fixed Bullet series	SafeCity3-pro	supported by specification
BSP Security Fixed Dome series	SafeCity4	supported by specification
BSP Security Fixed Dome series	SafeCity5	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bolid Network Bullet Camera	VCI-113	supported by specification
Bolid Network Bullet Camera	VCI-121-01	supported by specification
Bolid Network Bullet Camera	VCI-123	supported by specification
Bolid Network Bullet Camera	VCI-130	supported by specification
Bolid Network Bullet Camera	VCI-140-01	supported by specification
Bolid Network Bullet Camera	VCI-143	supported by specification
Bolid Network Bullet Camera	VCI-184	supported by specification
Bolid Network Dome Camera	VCI-212	ver.2.420.0000.3.R
Bolid Network Dome Camera	VCI-220-01	supported by specification
Bolid Network Dome Camera	VCI-222	supported by specification
Bolid Network Dome Camera	VCI-230	supported by specification
Bolid Network Dome Camera	VCI-240-01	supported by specification
Bolid Network Dome Camera	VCI-242	supported by specification
Bolid Network Dome Camera	VCI-252-05	supported by specification
Bolid Network Box Camera	VCI-320	supported by specification
Bolid Network Cube Camera	VCI-412	supported by specification
Bolid Network Cube Camera	VCI-432	supported by specification
Bolid Network PTZ Camera	VCI-528	supported by specification
Bolid Network PTZ Camera	VCI-528-00	ver.2.422.0001.0.R.T4.2022.9A.NR
Bolid Network PTZ Camera	VCI-529	supported by specification
Bolid Network PTZ Camera	VCI-627	ver.2.420.0000.3.R
Bolid Network Dome Camera	VCI-722	ver.2.400.0000.30.R
Bolid Network Dome Camera	VCI-742	supported by specification
Bolid Network Dome Camera	VCI-830-01	supported by specification
Bolid Network Dome Camera	VCI-884	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bolide PTZ Dome Camera	BC1009-PTZ3GIP	supported by specification
Bolide Fisheye Camera	BN1008FE	supported by specification
Bolide PTZ Dome Camera	BN1009/IRPTZ-30	supported by specification
Bolide PTZ Dome Camera	BN1009M/PTZ-22	supported by specification
Bolide PTZ Dome Camera	BN1009M-PTZ-18	supported by specification
Bolide PTZ Dome Camera	BN1009-PTZWDRIP	supported by specification
Bolide Dome Camera	BN2002IP	supported by specification
Bolide Box Camera	BN2002WDRIP	supported by specification
Bolide Dome Camera	BN2009AVAIRIP	supported by specification
Bolide Dome Camera	BN2009IRIP	supported by specification
Bolide Dome Camera	BN2009WDRVAIRIP	supported by specification
Bolide Box Camera	BN2035IRIP	supported by specification
Bolide Box Camera	BN5002M	tested by partner
Bolide Dome Camera	BN5009M	supported by specification
Bolide Dome Camera	BN5009M2M	supported by specification
Bolide Dome Camera	BN5009M-I	supported by specification
Bolide Box Camera	BN5035M	supported by specification
Bolide Dome Camera	BN6009M2	supported by specification
Bolide Dome Camera	BN6009M2WD	supported by specification
Bolide Dome Camera	BN6009M4	supported by specification
Bolide Bullet Camera	BN6035M2	supported by specification
Bolide Bullet Camera	BN6035M4	supported by specification
Bolide Eyeball Camera	BN7019	supported by specification
Bolide Eyeball Camera	BN7029	supported by specification
Bolide Dome Camera	BN7029AVAIR	supported by specification
Bolide Bullet Camera	BN7035	supported by specification
Bolide Bullet Camera	BN7036	supported by specification
Bolide Bullet Camera	BN7036M	supported by specification

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch MIC IP starlight 7000 HD	MIC-7130-PB4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7130-PB4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7130-PG4	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7130-PW4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7130-PW4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7230-B5	supported by specification
Bosch MIC IP starlight 7000 HD	MIC-7230-G5	supported by specification
Bosch MIC IP dynamic 7000 HD	MIC-7230-PB4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7230-PB4PB	ver.6.11.0019
Bosch MIC IP dynamic 7000 HD	MIC-7230-PG4	ver.6.11.0019
Bosch MIC IP dynamic 7000 HD	MIC-7230-PW4	ver.6.11.0019
Bosch MIC IP starlight 7000 XT	MIC-7230-PW4PB	ver.6.11.0019
Bosch MIC IP starlight 7000 HD	MIC-7230-W5	supported by specification
Bosch MIC VIP	MIC-IPIR-PS-115	ver.5.73.0046
Bosch MIC VIP	MIC-IPIR-PS-230	ver.5.73.0046
Bosch MIC VIP	MIC-IPIR-PS-24	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-115	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-230	ver.5.73.0046
Bosch MIC VIP	MIC-IP-PS-24	ver.5.73.0046
Bosch DINION IP imager 9000 HD	NAI-90022-AAA	ver.6.11.0019
Bosch NBC-225-P	NBC-225-P	ver.5.73.0046
Bosch NBC-255-P	NBC-255-P	ver.5.73.0046
Bosch NBC-255-W	NBC-255-W	ver.5.73.0046
Bosch NBC-265-P	NBC-265-P	ver.5.73.0046
Bosch NBC-265-W	NBC-265-W	ver.5.73.0046
Bosch DINION NBC-455-P	NBC-455-11P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-12IP	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-12P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-14IP	ver.5.73.0046
Bosch DINION NBC-455-P	NBC-455-21P	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-22IP	ver.5.73.0046
Bosch DINION NBC-455-P IVA	NBC-455-22P	ver.5.73.0046
Bosch DINION IP 4000 HD	NBN-40012-C	ver.6.11.0019
Bosch DINION IP 4000 HD	NBN-40012-C	ver.6.11.0019
Bosch DINION IP 4000 HD	NBN-40012-V3	ver.6.11.0019
Bosch DINION IP 4000 HD	NBN-40012-V3	ver.6.11.0019
Bosch DINION NBN-498-P	NBN-498-11P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-12IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-12P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-14IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-14P	ver.5.73.0046
Bosch DINION NBN-498-P	NBN-498-21P	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-22IP	ver.5.73.0046
Bosch DINION NBN-498-P IVA	NBN-498-22P	ver.5.73.0046
Bosch DINION IP 5000 HD	NBN-50022-C	ver.6.11.0019
Bosch DINION IP 5000 HD	NBN-50022-V3	ver.6.11.0019

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch DINION IP 5000 MP	NBN-50051-C	ver.6.11.0019
Bosch DINION IP 5000 MP	NBN-50051-V3	ver.6.11.0019
Bosch DINION IP starlight 6000 HD	NBN-63013-B	supported by specification
Bosch DINION IP starlight 6000 HD	NBN-63023-B	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-71013-B	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-71013-BA	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-71022-B	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-71022-BA	ver.6.11.0019
Bosch DINION IP dynamic 7000 HD	NBN-71027-BA	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-73013-BA	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-73023-BA	supported by specification
Bosch DINION IP starlight 7000 HD	NBN-733V-IP	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-733V-IP	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-733V-P	ver.6.11.0019
Bosch DINION IP starlight 7000 HD	NBN-733V-P	ver.6.11.0019
Bosch DINION IP starlight 8000 MP	NBN-80052-BA	ver.6.11.0006
Bosch DINION IP ultra 8000 MP	NBN-80122-CA	ver.6.11.0006
Bosch DINION IP ultra 8000 MP	NBN-80122-F2A	ver.6.11.0006
Bosch DINION IP ultra 8000 MP	NBN-80122-F6A	ver.6.11.0006
Bosch DINION IP 7000 HD	NBN-832V-IP	ver.6.11.0019
Bosch DINION IP 7000 HD	NBN-832V-P	ver.6.11.0019
Bosch DINION NBN-921-P IVA	NBN-921-14IP	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-2P	ver.5.73.0046
Bosch DINION NBN-921-P	NBN-921-3P	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-4IP	ver.5.73.0046
Bosch DINION NBN-921-P IVA	NBN-921-IP	ver.5.73.0046
Bosch DINION NBN-921-P	NBN-921-P	ver.5.73.0046
Bosch DINION IP dynamic 7000 HD	NBN-932V-IP	ver.6.11.0019
Bosch FLEXIDOME IP corner 9000 MP	NCN-90022-F1	ver.6.11.0019
Bosch NDC-225-P	NDC-225-P	ver.5.73.0046
Bosch NDC-225-PI	NDC-225-PI	ver.5.73.0046
Bosch NDC-255-P	NDC-255-P	ver.5.73.0046
Bosch NDC-265-P	NDC-265-P	ver.5.73.0046
Bosch NDC-274-P	NDC-274-P	ver.6.11.0019
Bosch NDC-274-P	NDC-274-PM	ver.6.11.0019
Bosch NDC-274-P	NDC-274-PT	ver.6.11.0019
Bosch NDC-284-P	NDC-284-PT	ver.6.11.0019
Bosch FLEXIDOME NDC-455-P	NDC-455V03-11P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-11PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-12PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-21P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V03-21PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22IPS	ver.5.73.0046



**Preferred Integration Protocol: CGI (native Bosch protocol)**

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V03-22PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-11P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-11PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-12PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-21P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P	NDC-455V09-21PS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22IP	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22P	ver.5.73.0046
Bosch FLEXIDOME NDC-455-P IVA	NDC-455V09-22PS	ver.5.73.0046
Bosch FLEXIDOME IP outdoor 4000 IR	NDI-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 4000 IR	NDI-41012-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 IR	NDI-50051-A3	ver.6.11.0019
Bosch NDN-265-PIO	NDN-265-PIO	ver.5.73.0046
Bosch FLEXIDOME IP outdoor 4000 HD	NDN-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 4000 HD	NDN-41012-V3	ver.6.11.0019
Bosch FLEXIDOME NDN-498-P	NDN-498V03-11P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-11PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-12PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-21P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V03-21PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V03-22PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V06-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V06-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-11P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-11PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-12PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-21P	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P	NDN-498V09-21PS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22IP	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22P	ver.5.73.0046

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXIDOME NDN-498-P IVA	NDN-498V09-22PS	ver.5.73.0046
Bosch FLEXIDOME IP outdoor 5000 HD	NDN-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 HD	NDN-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 MP	NDN-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP outdoor 5000 MP	NDN-50051-V3	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V02-P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V03-P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V09-IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 RD	NDN-733V09-P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V02-P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V03-P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V09-IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 RD	NDN-832V09-P	ver.6.11.0019
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-2P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-2PS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-3P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-3PS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-4IP	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-4IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-IP	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P IVA	NDN-921V03-IPS	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-P	ver.5.73.0046
Bosch FLEXIDOME NDN-921-P	NDN-921V03-PS	ver.5.73.0046
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V02-IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V03-IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 RD	NDN-932V09-IP	ver.6.11.0019
Bosch NEI-30 IR Imager IVA	NEI-308V05-12WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-13WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-22WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-308V05-23WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-12WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-13WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-22WE	ver.5.73.0046
Bosch NEI-30 IR Imager IVA	NEI-309V05-23WE	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R1-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R1-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R2-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R2-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R3-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R3-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R4-1	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R4-2	ver.5.73.0046
Bosch Dinion NER-L2	NER-L2R5-1	ver.5.73.0046

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch Dinion NER-L2	NER-L2R5-2	ver.5.73.0046
Bosch AutoDome IP 4000 HD	NEZ-4112-PPCW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4112-PPTW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4212-CPCW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4212-PPCW4	ver.6.11.0019
Bosch AutoDome IP 4000 HD	NEZ-4212-PPTW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5130-EPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 IR	NEZ-5130-IRCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5130-PPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5130-PPTW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-CPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-EPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 IR	NEZ-5230-IRCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-PPCW4	ver.6.11.0019
Bosch AutoDome IP 5000 HD	NEZ-5230-PPTW4	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 6000 IC	NFN-60122-F0	supported by specification
Bosch FLEXIDOME IP panoramic 6000 IC	NFN-60122-F1	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC	NFN-70122-F0	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC with IVA	NFN-70122-F0A	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC	NFN-70122-F1	supported by specification
Bosch FLEXIDOME IP panoramic 7000 IC with IVA	NFN-70122-F1A	supported by specification
Bosch FLEXIDOME IP indoor 4000 IR	NII-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 IR	NII-41012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 IR	NII-51022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 HD	NIN-40012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 4000 HD	NIN-41012-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-50022-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 MP	NIN-50051-A3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 MP	NIN-50051-V3	ver.6.11.0019
Bosch FLEXIDOME IP indoor 5000 HD	NIN-51022-V3	ver.6.11.0019
Bosch FLEXODOME IP starlight 6000VR	NIN-63013-A3	supported by specification
Bosch FLEXODOME IP starlight 6000VR	NIN-63013-A3S	supported by specification
Bosch FLEXODOME IP starlight 6000VR	NIN-63023-A3	supported by specification
Bosch FLEXODOME IP starlight 6000VR	NIN-63023-A3S	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0A	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0AS	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F0S	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1A	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1AS	supported by specification
Bosch FLEXIDOME IP panoramic 7000 MP	NIN-70122-F1S	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A10A	supported by specification

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A10AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A3A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73013-A3AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A10A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A10AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A3A	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-73023-A3AS	supported by specification
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V03PS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10IPS	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10P	ver.6.11.0019
Bosch FLEXIDOME IP starlight 7000 VR	NIN-733-V10PS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V03PS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10IPS	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10P	ver.6.11.0019
Bosch FLEXIDOME IP 7000 VR	NIN-832-V10PS	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V03IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V03IPS	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V10IP	ver.6.11.0019
Bosch FLEXIDOME IP dynamic 7000 VR	NIN-932-V10IPS	ver.6.11.0019
Bosch TINYON IP 2000	NPC-20002-F2	ver.6.11.0019
Bosch TINYON IP 2000 HD	NPC-20012-F2	ver.6.11.0019
Bosch TINYON IP 2000 PIR	NPC-20012-F2L	ver.6.11.0019
Bosch TINYON IP 2000 PIR	NPC-20012-F2L-W	ver.6.11.0019
Bosch TINYON IP 2000 HD	NPC-20012-F2-W	supported by specification
Bosch TINYON IP 2000 WI	NPC-20012-F2WL	ver.6.11.0019
Bosch TINYON IP 2000 WI	NPC-20012-F2WL-W	ver.6.11.0019
Bosch NTC-255-PI	NTC-255-PI	ver.5.73.0046
Bosch NTC-265-PI	NTC-265-PI	ver.5.73.0046
Bosch DINION IP bullet 4000 HD	NTI-40012-V3	ver.6.11.0019
Bosch DINION IP bullet 5000 HD	NTI-50022-V3	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000	NUC-20002-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000 HD	NUC-20012-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000	NUC-21002-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 2000 HD	NUC-21012-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-50022-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F2M	ver.6.11.0019

**Preferred Integration Protocol: CGI (native Bosch protocol)**

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Bosch FLEXIDOME IP micro 5000 MP	NUC-50051-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 HD	NUC-51022-F4	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F2	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F2M	ver.6.11.0019
Bosch FLEXIDOME IP micro 5000 MP	NUC-51051-F4	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 5000 MP	NUC-52051-F0	ver.6.11.0019
Bosch FLEXIDOME IP panoramic 5000 MP	NUC-52051-FOE	ver.6.11.0019
Bosch EXTEGRA IP starlight 9000 FX	NXF-9130-A4	supported by specification
Bosch EXTEGRA IP starlight 9000 FX	NXF-9130-S4	supported by specification
Bosch EXTEGRA IP dynamic 9000 FX	NXF-9230-A4	supported by specification
Bosch EXTEGRA IP dynamic 9000 FX	NXF-9230-S4	supported by specification
Bosch HD Conference Dome	VCD-811-ICT	ver.5.73.0046
Bosch HD Conference Dome	VCD-811-IWT	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ECCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ECCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ECCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ECTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ECTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-EWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-EWTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-EWTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ICCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-ICTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-ICTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-IWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-211-IWTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-211-IWTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ECCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ECTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ECTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-EWSC	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-EWTE	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-EWTS	ver.5.73.0046

### Preferred Integration Protocol: CGI (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch AutoDome Easy II IP IVA	VEZ-221-ICCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ICCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-ICTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-ICTS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWCE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWCEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-IWCS	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWTE	ver.5.73.0046
Bosch AutoDome Easy II IP IVA	VEZ-221-IWTEIVA	ver.5.73.0046
Bosch AutoDome Easy II IP	VEZ-221-IWTS	ver.5.73.0046
Bosch AutoDome IP 7000	VG5-7028-C1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-C2PP4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-C2PT4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-C2PT4@2	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-E1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-E1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7028-E2PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E1PC1	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E1PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E2PC4	ver.6.11.0019
Bosch AutoDome IP 7000	VG5-7036-E2PC4ITS	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7130-CPT4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7130-EPC4	ver.6.11.0019
Bosch AutoDome 700 IP	VG5-713-CCE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-713-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-714-ECE2	ver.5.73.0046
Bosch AutoDome IP 7000 HD	VG5-7220-CPT4	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-CPT5	supported by specification
Bosch AutoDome IP 7000 HD	VG5-7220-EPC4	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-EPC4ITS	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-7220-EPC5	supported by specification
Bosch AutoDome IP dynamic 7000 HD	VG5-7230-CPT4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7230-CPT5	supported by specification
Bosch AutoDome IP dynamic 7000 HD	VG5-7230-EPC4	ver.6.11.0019
Bosch AutoDome IP starlight 7000 HD	VG5-7230-EPC5	supported by specification
Bosch AutoDome IP starlight 7000 HD	VG5-7230-EPR5	supported by specification
Bosch AutoDome 700 IP	VG5-723-CCE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-723-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-723-ECE2ITS	ver.5.73.0046
Bosch AutoDome IP 7000	VG5-723-ECE3	ver.6.11.0019
Bosch AutoDome 700 IP	VG5-724-ECE2	ver.5.73.0046
Bosch AutoDome 700 IP	VG5-724-ECE2ITS	ver.5.73.0046
Bosch AutoDome IP 7000	VG5-724-ECE3	ver.6.11.0019
Bosch AutoDome 800 HD	VG5-825-CCEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-CxEV	ver.5.73.0046

**Preferred Integration Protocol: CGI (native Bosch protocol)**

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Bosch AutoDome 800 HD	VG5-825-ECEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-EDEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-825-ExEV	ver.5.73.0046
Bosch AutoDome IP 7000 HD	VG5-836-CTE3	ver.6.11.0019
Bosch AutoDome IP 7000 HD	VG5-836-ECE3	ver.6.11.0019
Bosch AutoDome 800 HD	VG5-836-ECEV	ver.5.73.0046
Bosch AutoDome 800 HD	VG5-836-ECEVITS	ver.5.73.0046
Bosch VIP-X1600-XFM4	VIP-X1600-XFM4A	ver.5.93.0015
Bosch VIP-X1600-XFM4	VIP-X1600-XFM4B	ver.5.93.0015
Bosch VIP X16 XF E	VIP-X16XF-E	ver.5.92.0023
Bosch VIP X1 XF IVA	VIP-X1XF	ver.5.73.0046
Bosch VIP X1 XF E	VIP-X1XF-E	ver.5.73.0046
Bosch VIDEOJET connect 7000	VJC-7000-90	ver.5.93.0015
Bosch VIDEOJET decoder 3000	VJD-3000	ver.5.93.0015
Bosch VIDEOJET multi 4000	VJM-4016	ver.5.92.0023
Bosch VIDEOJET multi 4000	VJM-4016-EU	ver.5.92.0023
Bosch VIDEOJET multi 4000	VJM-4016-US	ver.5.92.0023
Bosch VIDEOJET multi 7000	VJM-7016-B	ver.5.92.0023
Bosch AutoDome Jr 800 HD	VJR-811-ICC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-811-IWTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWC	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWT	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-821-IWTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD	VJR-831-EWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-ICCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-ICTV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-IWCV	ver.5.73.0046
Bosch AutoDome Jr 800 HD Fixed	VJR-F801-IWTV	ver.5.73.0046
Bosch VJT-X20XF-E	VJT-X20XF-E	ver.5.93.0015
Bosch VJT-X40XF-E	VJT-X40XF-E	ver.5.93.0015
Bosch VJT-XTCXF	VJT-XTCXF	ver.5.93.0015
Bosch VOT-320V IVA	VOT-320V009H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V009L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V013H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V013L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V019H	ver.5.73.0046

**Preferred Integration Protocol: CGI** (native Bosch protocol)

- Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs
- Audio:** All channels available in device; Microphone (audio-in), Speaker (audio-out); G.711 codec
- EdgeStorage:** EdgeStorage Sync.
- Analytics:** Native Bosch embedded analytic detectors
- PTZ:** Pan, Tilt, Zoom; Presets; Tours; Wiper; Sensors (inputs); Relays (outputs)
- Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Bosch VOT-320V IVA	VOT-320V019L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V025H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V025L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V035H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V035L	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V060H	ver.5.73.0046
Bosch VOT-320V IVA	VOT-320V060L	ver.5.73.0046



## Preferred Integration Protocol: CGI (native Brickcom protocol)

**Video:** All channels available in device; up to 2 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Brickcom Fixed Cube Camera	CB-100Ae	supported by specification
Brickcom Fixed Cube Camera	CB-100Ae(VGA)	supported by specification
Brickcom Fixed Cube Camera	CB-100Ap	supported by specification
Brickcom Fixed Cube Camera	CB-101Ae	supported by specification
Brickcom Fixed Cube Camera	CB-101Ap	supported by specification
Brickcom Fixed Cube Camera	CB-101Ap v2.1	supported by specification
Brickcom Fixed Cube Camera	CB-102Ae	supported by specification
Brickcom Fixed Cube Camera	CB-102Ap	supported by specification
Brickcom Fixed Cube Camera	CB-102Ap v2.1	supported by specification
Brickcom Fixed Cube Camera	CB-200Ap	supported by specification
Brickcom Fixed Cube Camera	CB-202Ap	supported by specification
Brickcom Fixed Cube Camera	CB-300Ap	supported by specification
Brickcom Fixed Cube Camera	CB-302Ap	supported by specification
Brickcom Fixed Cube Camera	CB-500Ap	supported by specification
Brickcom Fixed Cube 360 Panomorph Camera	CB-500Ap-360P	supported by specification
Brickcom Fixed Cube Camera	CB-502Ap	supported by specification
Brickcom Fixed Box Camera	FB-100Ae	supported by specification
Brickcom Fixed Box Camera	FB-100Ap	ver.3.0.6.13(V2)
Brickcom Fixed Box Camera	FB-130Ae	supported by specification
Brickcom Fixed Box Camera	FB-130Ap	ver.3.0.6.13(V2)
Brickcom Fixed Box Camera	FB-130Np	supported by specification
Brickcom Fixed Box Camera	FB-200Ap	supported by specification
Brickcom Fixed Box Camera	FB-200Np	supported by specification
Brickcom Fixed Box Camera	FB-200Np V6	supported by specification
Brickcom Fixed Box Camera	FB-200Np WDRPro	supported by specification
Brickcom Fixed Box Camera	FB-300A	supported by specification
Brickcom Fixed Box Camera	FB-300Ap	supported by specification
Brickcom Fixed Box Camera	FB-300Np	supported by specification
Brickcom Fixed Box Camera	FB-300Np-SE	supported by specification
Brickcom Fixed Box Camera	FB-500Ap	supported by specification
Brickcom Fixed Box Camera	FB-H200Np	supported by specification
Brickcom Fixed Box Camera	FB-H300Np	ver.3.7.0.24R
Brickcom Fixed Dome Camera	FD-100Ae	supported by specification
Brickcom Fixed Dome Camera	FD-100Ap	ver.3.0.6.13(V2)
Brickcom Fixed Dome Camera	FD-130Ae	supported by specification
Brickcom Fixed Dome Camera	FD-130Ap	ver.3.0.6.13(V2)
Brickcom Fixed Dome Camera	FD-130Np	supported by specification
Brickcom Fixed Dome Camera	FD-200Ne V6	supported by specification
Brickcom Fixed Dome Camera	FD-200Np V6	supported by specification
Brickcom Fixed Dome Camera	FD-201Af	supported by specification
Brickcom Fixed Dome Camera	FD-300Ap	supported by specification
Brickcom Fixed Dome Camera	FD-300Ap-V5	supported by specification
Brickcom Fixed Dome Camera	FD-300Ne Star	supported by specification
Brickcom Fixed Dome Camera	FD-300Np V6	supported by specification
Brickcom Fixed Dome Camera	FD-301Af	supported by specification
Brickcom Fixed Dome Camera	FD-302Ap	supported by specification
Brickcom Fixed Dome Camera	FD-302Ap-V5	supported by specification
Brickcom Fixed Dome Camera	FD-302Np	supported by specification
Brickcom Fixed Dome Camera	FD-500Ae V6	supported by specification
Brickcom Fixed Dome Camera	FD-500Ap	supported by specification

**Preferred Integration Protocol: CGI (native Brickcom protocol)**

**Video:** All channels available in device; up to 2 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Brickcom Fixed Dome Camera	FD-501Af	supported be specification
Brickcom Fixed Dome Camera	FD-502Ap	supported be specification
Brickcom Fixed Bullet Camera	GOB-100Ap	supported by specification
Brickcom Fixed Bullet Camera	GOB-300Ap	supported be specification
Brickcom Fixed Bullet Camera	GOB-300Np	supported be specification
Brickcom Fixed Bullet Camera	GOB-300Np Star	supported be specification
Brickcom Fixed Bullet Camera	GOB-300Np Star-Lte	supported be specification
Brickcom Fixed Bullet Camera	GOB-500Ap	supported be specification
Brickcom Fixed Cube Camera	MB-300Ap	supported be specification
Brickcom Fixed Cube Camera	MB-500Ap	supported be specification
Brickcom Fixed Dome Camera	MD-100Ae	ver.3.0.6.12(V2)
Brickcom Fixed Dome Camera	MD-100Ap	supported by specification
Brickcom Fixed Dome Camera	MD-200Ap	supported be specification
Brickcom Fixed Dome Camera	MD-300Ap	supported be specification
Brickcom Fixed Dome 360 Panomorph Camera	MD-300Ap-360P	supported be specification
Brickcom Fixed Dome Camera	MD-300Np	supported be specification
Brickcom Fixed Dome Camera	MD-300Np V6 Star	supported be specification
Brickcom Fixed Dome 360 Panomorph Camera	MD-300Np-360 Star	supported be specification
Brickcom Fixed Dome 360 Panomorph Camera	MD-300Np-360P	supported be specification
Brickcom Fixed Dome Camera	MD-500Ap	supported be specification
Brickcom Fixed Dome 360 Panomorph Camera	MD-500Ap-360P	supported be specification
Brickcom Fixed Dome 360 Panomorph Camera	MD-H600Np-360	ver.3.7.0.27T
Brickcom Fixed Dome 360 Panomorph Camera	MD-H600Np-360 DN	supported by specification
Brickcom Fixed Bullet Camera	OB-100Ae	supported by specification
Brickcom Fixed Bullet Camera	OB-100Ap	ver.3.0.6.27(V2)
Brickcom Fixed Bullet Camera	OB-130Af	supported be specification
Brickcom Fixed Bullet Camera	OB-200Ae	supported be specification
Brickcom Fixed Bullet Camera	OB-200Af	supported be specification
Brickcom Fixed Bullet Camera	OB-200Ne	supported be specification
Brickcom Fixed Bullet Camera	OB-200Nf	supported be specification
Brickcom Fixed Bullet Camera	OB-200Nf V6	supported be specification
Brickcom Fixed Bullet Camera	OB-200Np V6	supported be specification
Brickcom Fixed Bullet Camera	OB-200Np WDRPro	supported be specification
Brickcom Fixed Bullet Camera	OB-200Np-LR	supported be specification
Brickcom Fixed Bullet Camera	OB-200Np-LR WDRPro-20X	supported be specification
Brickcom Fixed Bullet Camera	OB-202Ae	supported be specification
Brickcom Fixed Bullet Camera	OB-202Ne	ver.3.7.0.24R
Brickcom Fixed Bullet Camera	OB-202Ne V6	supported be specification
Brickcom Fixed Bullet Camera	OB-202Nf	supported be specification
Brickcom Fixed Bullet Camera	OB-300Af	supported be specification
Brickcom Fixed Bullet Camera	OB-300Ap	supported be specification
Brickcom Fixed Bullet Camera	OB-300Ne Star	supported be specification
Brickcom Fixed Bullet Camera	OB-300Nf Star	supported be specification
Brickcom Fixed Bullet Camera	OB-300Np	supported be specification
Brickcom Fixed Bullet Camera	OB-300Np Star	ver.3.7.0.24R
Brickcom Fixed Bullet Camera	OB-302Ae	supported be specification
Brickcom Fixed Bullet Camera	OB-302Ap	supported be specification
Brickcom Fixed Bullet Camera	OB-302Ne	supported be specification
Brickcom Fixed Bullet Camera	OB-302Ne Star	supported be specification
Brickcom Fixed Bullet Camera	OB-302Np	supported be specification
Brickcom Fixed Bullet Camera	OB-500Ae V6	supported be specification

### Preferred Integration Protocol: CGI (native Brickcom protocol)

**Video:** All channels available in device; up to 2 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Brickcom Fixed Bullet Camera	OB-500Af	supported be specification
Brickcom Fixed Bullet Camera	OB-500Af V6	supported be specification
Brickcom Fixed Bullet Camera	OB-500Ap	supported be specification
Brickcom Fixed Bullet Camera	OB-500Ap V6	ver.3.7.0.24R
Brickcom Fixed Bullet Camera	OB-502Ae	supported be specification
Brickcom Fixed Bullet Camera	OB-502Ae V6	supported be specification
Brickcom Fixed Bullet Camera	OB-502Ap	supported be specification
Brickcom Fixed Bullet Camera	OB-E200Nf	supported be specification
Brickcom Fixed Bullet Camera	OB-H200Np	ver.3.7.0.24R
Brickcom PTZ Camera	OSD-040D 36x	supported by specification
Brickcom PTZ Camera	OSD-040E 36x	supported by specification
Brickcom PTZ Camera	OSD-200A 20xp	supported by specification
Brickcom PTZ Camera	OSD-200A 20xp-SE	supported by specification
Brickcom PTZ Camera	OSD-200Np 30x	ver.3.7.0.24R
Brickcom Hydra Camera	PH-100Ah Kit-A	ver.3.2.3.4
Brickcom Hydra Camera	PH-100Ah Kit-B	supported by specification
Brickcom PTZ Camera	PZ-040D 12x	supported by specification
Brickcom PTZ Camera	PZ-040E 12x	ver.3.1.0.2
Brickcom Video Server	VB-03	supported by specification
Brickcom Vandal Dome Camera	VD-100Ae	supported by specification
Brickcom Vandal Dome Camera	VD-100Ap	ver. 3.0.6.13(V2)
Brickcom Vandal Dome Camera	VD-101Af	supported be specification
Brickcom Vandal Dome Camera	VD-130Ae	supported by specification
Brickcom Vandal Dome Camera	VD-130Af	supported be specification
Brickcom Vandal Dome Camera	VD-130Ap	ver. 3.0.6.13(V2)
Brickcom Vandal Dome Camera	VD-130Np	supported be specification
Brickcom Vandal Dome Camera	VD-131Af	supported be specification
Brickcom Vandal Dome Camera	VD-200Af	supported be specification
Brickcom Vandal Dome Camera	VD-200Ne V6	supported be specification
Brickcom Vandal Dome Camera	VD-200Nf	supported be specification
Brickcom Vandal Dome Camera	VD-200Np	supported be specification
Brickcom Vandal Dome Camera	VD-200Np V6	supported be specification
Brickcom Vandal Dome Camera	VD-200Np WDRPro	supported be specification
Brickcom Vandal Dome Camera	VD-201Af	supported be specification
Brickcom Vandal Dome Camera	VD-202Ap	supported be specification
Brickcom Vandal Dome Camera	VD-300Af	supported be specification
Brickcom Vandal Dome 360 Panomorph Camera	VD-300Af-360P	supported be specification
Brickcom Vandal Dome Camera	VD-300Ap	supported be specification
Brickcom Vandal Dome Camera	VD-300Ne Star	supported be specification
Brickcom Vandal Dome Camera	VD-300Nf	supported be specification
Brickcom Vandal Dome 360 Panomorph Camera	VD-300Nf-360P	supported be specification
Brickcom Vandal Dome Camera	VD-300Np	supported be specification
Brickcom Vandal Dome Camera	VD-300Np V6	supported be specification
Brickcom Vandal Dome Camera	VD-301Af	supported be specification
Brickcom Vandal Dome Camera	VD-302Ap	supported be specification
Brickcom Vandal Dome Camera	VD-302Np	supported be specification
Brickcom Vandal Dome Camera	VD-500Ae V6	supported be specification
Brickcom Vandal Dome Camera	VD-500Af	supported be specification
Brickcom Vandal Dome 360 Panomorph Camera	VD-500Af-360P	supported be specification
Brickcom Vandal Dome Camera	VD-500Ap	supported be specification
Brickcom Vandal Dome Camera	VD-501Af	supported be specification

### Preferred Integration Protocol: CGI (native Brickcom protocol)

**Video:** All channels available in device; up to 2 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Brickcom Vandal Dome Camera	VD-502Ap	supported be specification
Brickcom Vandal Dome Camera	VD-E200Nf	ver.3.7.0.22.4R
Brickcom Vandal Dome Camera	VD-H200Np	supported be specification
Brickcom Video Server	VS-01Ae	supported by specification
Brickcom Video Server	VS-01Ap	ver.3.0.6.18(V1)
Brickcom Fixed Cube Camera	WCB-100Ae	ver.3.0.6.12(V1)
Brickcom Fixed Cube Camera	WCB-100Ae(VGA)	supported by specification
Brickcom Fixed Cube Camera	WCB-100Ap	supported by specification
Brickcom Fixed Cube Camera	WCB-200Ap	supported be specification
Brickcom Fixed Cube Camera	WCB-202Ap	supported be specification
Brickcom Fixed Cube Camera	WCB-300Ap	supported be specification
Brickcom Fixed Cube Camera	WCB-302Ap	supported be specification
Brickcom Fixed Cube Camera	WCB-500Ap	supported be specification
Brickcom Fixed Cube Camera	WCB-502Ap	supported be specification
Brickcom Fixed Box Camera	WFB-100Ae	supported by specification
Brickcom Fixed Box Camera	WFB-100Ap	supported by specification
Brickcom Fixed Box Camera	WFB-130Ae	supported by specification
Brickcom Fixed Box Camera	WFB-130Ap	supported by specification
Brickcom Fixed Box Camera	WFB-130N	supported by specification
Brickcom Fixed Box Camera	WFB-130Np	supported by specification
Brickcom Fixed Box Camera	WFB-300A	supported by specification
Brickcom Fixed Box Camera	WFB-300Np	supported be specification
Brickcom Fixed Box Camera	WMB-300Ap	supported be specification
Brickcom Fixed Box Camera	WMB-300Ap AC	supported be specification
Brickcom Fixed Box Camera	WMB-300Ap V6	ver.3.7.0.24R
Brickcom Fixed Box Camera	WMB-500Ap	supported be specification
Brickcom Fixed Bullet Camera	WOB-100Ae	supported by specification
Brickcom Fixed Bullet Camera	WOB-100Ap	ver.3.0.6.27(V2)
Brickcom Fixed Bullet Camera	WOB-200Ae	supported be specification
Brickcom Fixed Bullet Camera	WOB-200Ne	supported be specification
Brickcom Fixed Bullet Camera	WOB-300Ap	supported be specification
Brickcom Fixed Bullet Camera	WOB-300Np	supported be specification
Brickcom Fixed Bullet Camera	WOB-300Np Star	supported be specification
Brickcom Fixed Bullet Camera	WOB-302Ae	supported be specification
Brickcom Fixed Bullet Camera	WOB-302Ne	supported be specification
Brickcom Fixed Bullet Camera	WOB-500Ap	supported be specification
Brickcom Fixed Bullet Camera	WOB-502Ae	supported be specification
Brickcom Video Server	WVS-01Ap	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
CANON PTZ Network Camera	VB-H41	ver.1.0.0
CANON PTZ Network Camera	VB-H43	ver.1.2.0
CANON PTZ Network Camera	VB-H45	supported by specification
CANON Fixed Dome Network Camera	VB-H610D	supported by specification
CANON Fixed Dome Network Camera	VB-H610VE	supported by specification
CANON Fixed Dome Network Camera	VB-H630D	ver.1.2.0
CANON Fixed Dome Network Camera	VB-H630VE	ver.1.2.0
CANON Fixed Dome Network Camera	VB-H651V	supported by specification
CANON Fixed Dome Network Camera	VB-H651VE	supported by specification
CANON Fixed Dome Network Camera	VB-H652LVE	supported by specification
CANON Fixed Network Camera	VB-H710F	supported by specification
CANON Fixed Network Camera	VB-H730F	ver.1.2.0
CANON Fixed Network Camera	VB-H730F Mk II	supported by specification
CANON Fixed Network Camera	VB-H751LE	supported by specification
CANON Fixed Network Camera	VB-H760VE	supported by specification
CANON Fixed Network Camera	VB-H761LVE	supported by specification
CANON PTZ Network Camera	VB-M40	supported by specification
CANON PTZ Network Camera	VB-M42	ver.1.2.0
CANON PTZ Network Camera	VB-M44	supported by specification
CANON PTZ Network Camera	VB-M50B	supported by specification
CANON Fixed Dome Camera	VB-M600D	ver.1.0.0
CANON Fixed Dome Camera	VB-M600VE	supported by specification
CANON Fixed Dome Network Camera	VB-M620D	ver.1.2.0
CANON Fixed Dome Network Camera	VB-M620VE	ver.1.2.0
CANON Fixed Dome Network Camera	VB-M640V	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M640VE	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M641V	ver.1.0.0
CANON Fixed Dome Network Camera	VB-M641VE	ver.1.0.0
CANON Fixed Network Camera	VB-M700F	supported by specification
CANON Fixed Network Camera	VB-M720F	ver.1.2.0
CANON Fixed Network Camera	VB-M740E	ver.1.0.0
CANON Fixed Network Camera	VB-M741LE	ver.1.0.0
CANON PTZ Network Camera	VB-R10VE	ver.1.0.0
CANON PTZ Network Camera	VB-R11	ver.1.0.0
CANON PTZ Network Camera	VB-R11VE	ver.1.0.0
CANON PTZ Network Camera	VB-R12VE	supported by specification
CANON PTZ Network Camera	VB-R13	supported by specification
CANON PTZ Network Camera	VB-R13VE	supported by specification
CANON PTZ Dome Network Camera	VB-S30D	ver.1.3.0
CANON PTZ Dome Network Camera	VB-S30D Mk II	supported by specification
CANON PTZ Dome Network Camera	VB-S30VE	supported by specification
CANON PTZ Dome Network Camera	VB-S31D	ver.1.3.0
CANON PTZ Dome Network Camera	VB-S31D Mk II	supported by specification
CANON Fixed Dome Network Camera	VB-S800D	ver.1.3.0
CANON Fixed Dome Network Camera	VB-S800D Mk II	supported by specification
CANON Fixed Dome Network Camera	VB-S800VE	supported by specification
CANON Fixed Dome Network Camera	VB-S805D	ver.1.3.0
CANON Fixed Dome Network Camera	VB-S805D Mk II	supported by specification
CANON Fixed Network Camera	VB-S900F	ver.1.3.0
CANON Fixed Network Camera	VB-S900F Mk II	supported by specification
CANON Fixed Network Camera	VB-S905F	ver.1.3.0
CANON Fixed Network Camera	VB-S905F Mk II	supported by specification
CANON Fixed Network Camera	VB-S910F	supported by specification

## Preferred Integration Protocol: CGI (native Cisco protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Cisco Video Surveillance 2500 Series	CIVS-IPC-2500	ver. 2.0
Cisco Video Surveillance 2500 Series	CIVS-IPC-2500W	supported by specification
Cisco Video Surveillance 2600 Series	CIVS-IPC-2600	supported by specification
Cisco Video Surveillance 2600 Series	CIVS-IPC-2611	tested by partner
Cisco Video Surveillance 2621 IP Dome	CIVS-IPC-2621V	supported by specification
Cisco Video Surveillance 2630 IP Dome	CIVS-IPC-2630V	supported by specification
Cisco Video Surveillance 2900 Series	CIVS-IPC-2911	supported by specification
Cisco Video Surveillance 2900 Series	CIVS-IPC-2916	supported by specification
Cisco Video Surveillance 2900 Series	CIVS-IPC-2930	ver.1.6.18.2084-01.6086
Cisco Video Surveillance 2900 Series	CIVS-IPC-2935	supported by specification
Cisco Video Surveillance 4000 Series	CIVS-IPC-4300	supported by specification
Cisco Video Surveillance 4000 Series	CIVS-IPC-4500	supported by specification
Cisco Video Surveillance 5000 Series	CIVS-IPC-5010	supported by specification
Cisco Video Surveillance 5000 Series	CIVS-IPC-5011	tested by partner

## Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
CNB Fixed Box Camera	IBP5030CR	supported by specification
CNB Fixed Dome Camera	IDB4110NVF	supported by specification
CNB Fixed Dome Camera	IDB4110PVF	supported by specification
CNB Fixed Dome Camera	IDC4000T	supported by specification
CNB Fixed Dome Camera	IDC4050F	ver.XNET.M1-2.20.12.0612b
CNB Fixed Dome Camera	IDC4050IR	supported by specification
CNB Fixed Dome Camera	IDC4050VF	supported by specification
CNB Fixed Dome Camera	IDC4050VR	supported by specification
CNB Fixed Dome Camera	IDP4000VD	supported by specification
CNB Fixed Dome Camera	IDP4000VR	supported by specification
CNB Fixed Dome Camera	IDP4030VR	supported by specification
CNB Fixed Dome Camera	IDP5035VR	supported by specification
CNB Fixed Box Camera	IGB1110NF	supported by specification
CNB Fixed Box Camera	IGB1110PF	supported by specification
CNB Fixed Box Camera	IGC2050F	ver.XNET.M1-2.20.12.0612b
CNB Fixed Box Camera	IGP1000F	supported by specification
CNB Fixed Box Camera	IGP1030	ver.XNET.A1-1.01.11.0228
CNB Fixed Box Camera	IGP2035F	supported by specification
CNB Fixed Dome Camera	IVB4110NVF	supported by specification
CNB Fixed Dome Camera	IVB4110PVF	supported by specification
CNB Fixed Dome Camera	IVC5055VR	supported by specification
CNB Fixed Dome Camera	IVP4000VR	supported by specification
CNB Fixed Dome Camera	IVP4030VR	supported by specification
CNB Fixed Dome Camera	IVP5035VR	supported by specification
CNB Fixed Box Camera	IXC2050IR	supported by specification
CNB Fixed Box Camera	IXP3035VR	supported by specification
CNB Fixed Dome Camera	LDC3050IR	supported by specification
CNB Fixed Dome Camera	LDC3050VR	supported by specification
CNB Fixed Dome Camera	LKC1050IR	supported by specification
CNB Fixed Vandal Dome Camera	LPC1050IR	supported by specification
CNB Fixed Weatherproof Bullet Camera	LXC1050IR	supported by specification
CNB Fixed Weatherproof Bullet Camera	LXC2050VR	supported by specification
CNB Fixed Dome Camera	MDC4050IR	supported by specification
CNB Fixed Dome Camera	MDC4050VR	supported by specification
CNB Fixed Box Camera	MGC6050F	supported by specification
CNB Fixed Vandal Dome Camera	MPC1050IR	supported by specification
CNB Fixed Vandal Dome Camera	MPC1070PN	supported by specification
CNB PTZ Dome Camera	MSS4052Z20W	supported by specification
CNB Fixed Vandal Dome Camera	MVC4050VR	supported by specification
CNB Fixed Weatherproof Bullet Camera	MXC6050IR	supported by specification
CNB Fixed Weatherproof Bullet Camera	MXC6050VR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB11-7MH	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB12-7MH	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB15-7PNR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB21-7MH	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB21-7MHR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB21-7MU	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB21-8LR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB22-7MH	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB22-7MHR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB25-7MH	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB25-7MHR	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
CNB Fixed Weatherproof Bullet Camera	NB52-7PR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB55-7PR	supported by specification
CNB Fixed Weatherproof Bullet Camera	NB85-7UR	supported by specification
CNB Fixed Dome Camera	ND21-4LR	supported by specification
CNB Fixed Dome Camera	ND25-2MHR	supported by specification
CNB PTZ Dome Camera	NP24-1P10H	supported by specification
CNB PTZ Dome Camera	NP24-8P30RW(P)	supported by specification
CNB PTZ Dome Camera	NP24-8P30ZW(P)	supported by specification
CNB PTZ Dome Camera	NP25-6P3R	supported by specification
CNB PTZ Dome Camera	NP55-6P3R	supported by specification
CNB Specialty Miniature Camera	NS11-0MH	supported by specification
CNB Specialty Ball Camera	NS11-4MH	supported by specification
CNB Specialty Miniature Camera	NS21-0MH	supported by specification
CNB Specialty Ball Camera	NS21-4MH	supported by specification
CNB Specialty Ball Camera	NS21-4MHR	supported by specification
CNB Specialty Lipstick Camera	NS21-5M	supported by specification
CNB Homeye Camera	NS21-6QRY	supported by specification
CNB Special Camera	NS21-7MRY	supported by specification
CNB Homeye Camera	NS21-9QRY	supported by specification
CNB Fixed Vandal Dome Camera	NV11-0MH	supported by specification
CNB Fixed Vandal Dome Camera	NV12-1MH	supported by specification
CNB Fixed Vandal Dome Camera	NV21-0MH	supported by specification
CNB Fixed Vandal Dome Camera	NV21-0MHR	supported by specification
CNB Fixed Vandal Dome Camera	NV21-5MU	supported by specification
CNB Fixed Vandal Dome Camera	NV22-1MH	supported by specification
CNB Fixed Vandal Dome Camera	NV22-1MHR	supported by specification
CNB Fixed Vandal Dome Camera	NV25-1MH	supported by specification
CNB Fixed Vandal Dome Camera	NV25-1MHR	supported by specification
CNB Fixed Vandal Dome Camera	NV52-1PR	supported by specification
CNB Fixed Vandal Dome Camera	NV55-1PR	supported by specification



### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Comonix Fixed Dome Camera	CO-i03DY1	supported by specification
Comonix Fixed Box Camera	CO-i03MY1	supported by specification
Comonix Fixed Box Camera	CO-i03MY1W	supported by specification
Comonix Fixed Dome Camera	CO-i04DY2	supported by specification
Comonix Fixed Bullet Camera	CO-i04SY2IRP	supported by specification
Comonix Fixed Dome Camera	CO-i10DY1IR	ver.1.0.24 HD
Comonix Fixed Dome Camera	CO-i10DY1P	ver.1.0.24 HD
Comonix Fixed Dome Camera	CO-i10DY2P	ver.1.0.24 HD
Comonix Fixed Box Camera	CO-i10MY1	ver.1.0.24 HD
Comonix Fixed Bullet Camera	CO-i10SY2IRP	ver.1.0.24 HD
Comonix Fixed Dome Camera	CO-i13DY2	supported by specification
Comonix Fixed Dome Camera	CO-i13DY2IRV	supported by specification
Comonix Fixed Box Camera	CO-i13HY0	supported by specification
Comonix Fixed Box Camera	CO-i13MY1	ver.1.0.36
Comonix Fixed Box Camera	CO-i13MY1W	supported by specification
Comonix Fixed Bullet Camera	CO-i13SY2IRP	supported by specification
Comonix Fixed Dome Camera	CO-i20DY1P(2P)	supported by specification
Comonix Fixed Dome Camera	CO-i20DY2	supported by specification
Comonix Fixed Dome Camera	CO-i20DY2IRPV	ver.1.0.36
Comonix Fixed Dome Camera	CO-i20DY2IRPV(HD)	ver.1.0.24 HD
Comonix Fixed Dome Camera	CO-i20DY2P	ver.1.0.36
Comonix Fixed Box Camera	CO-i20HY0	supported by specification
Comonix Fixed Box Camera	CO-i20HY0DNP	supported by specification
Comonix Fixed Box Camera	CO-i20HY0DNW	supported by specification
Comonix Fixed Box Camera	CO-i20HY0P	supported by specification
Comonix Fixed Box Camera	CO-i20MY1	ver.1.0.36
Comonix Fixed Bullet Camera	CO-i20SY2IR	supported by specification
Comonix Fixed Bullet Camera	CO-i20SY2IRP	ver.1.0.36
Comonix Fixed Bullet Camera	CO-i20SY2IRW	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Corum Fixed Box Camera	CS-190-IO	tested by partner
Corum Fixed Box Camera	CS-190-IP	supported by specification
Corum Fixed Box Camera	CS-190-IW	supported by specification
Corum Fixed Box Camera	CS-410-IP	supported by specification
Corum Fixed Box Camera	CS-410-IW	supported by specification
Corum Fixed Box Camera	CS-415-IP	supported by specification
Corum Fixed Box Camera	CS-415-IW	supported by specification
Corum Fixed Box Camera	CS-265-IO	supported by specification
Corum Fixed Box Camera	CS-265-IP	supported by specification
Corum Fixed Box Camera	CS-265-IW	supported by specification
Corum Fixed Box Camera	CS-285-IP	supported by specification
Corum Fixed Box Camera	CS-285-IW	supported by specification
Corum Fixed Dome Camera	CS-325-IO	supported by specification
Corum Fixed Dome Camera	CS-325-IP	supported by specification
Corum Fixed Dome Camera	CS-385-IO	supported by specification
Corum Fixed Dome Camera	CS-385-IP	supported by specification
Corum Fixed Dome Camera	CS-395-IO	supported by specification
Corum Fixed Dome Camera	CS-395-IP	supported by specification

### Preferred Integration Protocol: CGI (native D-Link protocol)

**Video:** All channels available in device; up to 1 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
D-Link Fixed Cube Camera	DCS-2132L	ver. 1.01.10
D-Link Fixed Cube Camera	DCS-2310L	ver. 1.01.10
D-Link Fixed Cube Camera	DCS-2332L	ver. 1.01.03
D-Link Fixed Box Camera	DCS-3010	ver. 1.00.05
D-Link Fixed Dome Camera	DCS-6010L	ver. 1.00.04
D-Link Fixed Dome Camera	DCS-6210	ver. 1.00.06
D-Link Fixed Dome Camera	DCS-6314	ver. 1.00.00
D-Link Fixed Dome Camera	DCS-6513	ver. 1.01.01
D-Link Fixed Bullet Camera	DCS-7010L	ver. 1.02.00
D-Link Fixed Bullet Camera	DCS-7413	ver. 1.00.02
D-Link Fixed Bullet Camera	DCS-7513	ver. 1.01.03
D-Link Fixed Cube Camera	DCS-942L	ver. 1.22.00
D-Link Fixed Box Camera	DCS-3716	ver. 1.10.01

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
D-Link Covert Camera	DCS-1201	supported by specification
D-Link Fixed Cube Camera	DCS-2210	supported by specification
D-Link Fixed Cube Camera	DCS-2210L	supported by specification
D-Link Fixed Cube Camera	DCS-2230	supported by specification
D-Link Fixed Cube Camera	DCS-2230L	supported by specification
D-Link Fixed Box Camera	DCS-3511	supported by specification
D-Link Fixed Dome Camera	DCS-4602EV	supported by specification
D-Link Fixed Dome Camera	DCS-4603	supported by specification
D-Link Fixed Dome Camera	DCS-4622	supported by specification
D-Link Fixed Bullet Camera	DCS-4701E	supported by specification
D-Link Fixed Bullet Camera	DCS-4703E	supported by specification
D-Link Fixed Dome Camera	DCS-4802E	supported by specification
D-Link Fixed Dome Camera	DCS-6004L	supported by specification
D-Link Fixed Dome Camera	DCS-6112	supported by specification
D-Link Fixed Dome Camera	DCS-6113	supported by specification
D-Link Fixed Dome Camera	DCS-6212L	supported by specification
D-Link Fixed Dome Camera	DCS-6315	supported by specification
D-Link Fixed Dome Camera	DCS-6517	supported by specification
D-Link PTZ Dome Camera	DCS-6616	supported by specification
D-Link PTZ Dome Camera	DCS-6818	supported by specification
D-Link PTZ Dome Camera	DCS-6915	supported by specification
D-Link Fixed Bullet Camera	DCS-7110	supported by specification
D-Link Fixed Bullet Camera	DCS-7517	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Cube Camera	DH-IPC-100	supported by specification
Cube Camera	DH-IPC-100A	supported by specification
Wi-Fi Cube Camera	DH-IPC-100W	supported by specification
Cube Camera	DH-IPC-200	supported by specification
Cube Camera	DH-IPC-200A	supported by specification
Wi-Fi Cube Camera	DH-IPC-200W	supported by specification
Wi-Fi PT Camera	DH-IPC-A15	supported by specification
Wi-Fi PT Camera	DH-IPC-A35	supported by specification
Wi-Fi PT Camera	DH-IPC-AW12W	supported by specification
Wi-Fi Cube Camera	DH-IPC-C10	supported by specification
Wi-Fi Cube Camera	DH-IPC-C15	supported by specification
Wi-Fi Cube Camera	DH-IPC-C35	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400-M	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5400-T	supported by specification
Vandal-proof Fisheye Camera	DH-IPC-EB5500	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW81200	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW81230	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8600	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8600-IVC	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8630	supported by specification
Vandal-proof IR Fisheye Camera	DH-IPC-EBW8630-IVC	supported by specification
Mini Dome Camera	DH-IPC-HD1000C	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HD1000C-W	supported by specification
Mini Dome Camera	DH-IPC-HD1200C	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HD1200C-W	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4100C	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4100F-PT	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4200C	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4200F-PT	supported by specification
Fixed LXIR Mini-Dome Camera	DH-IPC-HDB4231C-AS	ver. 2.400.0000.23.R
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4231C-M	supported by specification
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4231C-M/M12	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4300C	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB4300C-A	supported by specification
Mini PT Dome Camera	DH-IPC-HDB4300F-PT	supported by specification
Fixed LXIR Mini-Dome Camera	DH-IPC-HDB4431C-AS	ver. 2.400.0000.23.R
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4431C-M	supported by specification
Fixed Mini-Dome Mobile Camera	DH-IPC-HDB4431C-M/M12	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5100	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5200	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5200-DI	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5202	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDB5202-DI	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDB5502	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDB5502-DI	supported by specification
IR Dome Camera	DH-IPC-HDB8281-Z	supported by specification
IR Dome Camera	DH-IPC-HDB8301	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vari-Focal IR Dome Camera	DH-IPC-HDB8301-Z	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1000E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1000E-S	supported by specification
Wi-Fi IR Mini Dome Camera	DH-IPC-HDBW1000E-W	supported by specification
IR Mini-Dome Network Camera	DH-IPC-HDBW1020E	supported by specification
Mini Dome Camera	DH-IPC-HDBW1120E	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HDBW1120E-W	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1200E	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1200E-S	supported by specification
Wi-Fi IR Mini Dome Camera	DH-IPC-HDBW1200E-W	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW1220E	supported by specification
Mini Dome Camera	DH-IPC-HDBW1320E	supported by specification
Wi-Fi Mini Dome Camera	DH-IPC-HDBW1320E-W	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2100R-VF	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2100R-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW2120R-VFS	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW2120R-ZS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW2121R-VFS	supported by specification
IR Dome Network Camera	DH-IPC-HDBW2121R-ZS	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2200R-VF	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2200R-Z	supported by specification
Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2201R-VFS	supported by specification
Vari-Focal Water- & Vandal-Proof Dome Camera	DH-IPC-HDBW2201R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2220R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2220R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2221R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2221R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2300R-VF	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2300R-Z	supported by specification
IR Dome Camera	DH-IPC-HDBW2320R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2320R-ZS	supported by specification
IR Dome Camera	DH-IPC-HDBW2421R-VFS	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW2421R-ZS	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4100E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4120E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4120E-AS	supported by specification
Vandal-proof Wedge Dome Camera	DH-IPC-HDBW4120F	supported by specification
Vandal-proof Wedge Dome Camera	DH-IPC-HDBW4120F-AS	supported by specification
Wedge Dome Mobile Camera	DH-IPC-HDBW4121F-M	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW4200E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4220E	supported by specification
Vandal-proof IR Mini Dome Camera	DH-IPC-HDBW4220E-AS	supported by specification
Vandal-proof IR Wedge Dome Camera	DH-IPC-HDBW4220F	supported by specification
Mini Dome Camera	DH-IPC-HDBW4221E	supported by specification
Mini Dome Camera	DH-IPC-HDBW4221E-AS	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4221F	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4221F-AS	supported by specification
Wedge Dome Mobile Camera	DH-IPC-HDBW4221F-M	supported by specification
Mini Dome Camera	DH-IPC-HDBW4231E-AS	ver. 2.400.0000.23.R

**Preferred Integration Protocol: CGI (native protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Wedge Dome Camera	DH-IPC-HDBW4231F-AS	ver.2.400.0000.23.R
IR Mini Dome Camera	DH-IPC-HDBW4231F-M/M12	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW4300E	supported by specification
Fixed Mini-Dome Camera	DH-IPC-HDBW4421E	supported by specification
Fixed Mini-Dome Camera	DH-IPC-HDBW4421E-AS	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4421F	supported by specification
Wedge Dome Camera	DH-IPC-HDBW4421F-AS	supported by specification
Mini-Dome Camera	DH-IPC-HDBW4431E-AS	ver.2.400.0000.23.R
Wedge Dome Camera	DH-IPC-HDBW4431F-AS	ver.2.400.0000.23.R
IR Mini Dome Camera	DH-IPC-HDBW4431F-M/M12	supported by specification
IR Mini Dome Camera	DH-IPC-HDBW4800E	supported by specification
Mini-Dome Camera	DH-IPC-HDBW4830E-AS	ver.2.400.0000.23.R
Water- & Vandal-Proof IR Dome Camera	DH-IPC-HDBW5100	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5121E-Z	supported by specification
Water- & Vandal-Proof IR Dome Camera	DH-IPC-HDBW5200	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5200-DI	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5202	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5202-DI	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5220E-Z	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5220E-Z-T	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5221E-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5231E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5231R-Z	ver.2.400.0000.23.R
Vari-Focal IR Dome Camera	DH-IPC-HDBW5300	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5302	supported by specification
Vandal-proof IR Dome Camera	DH-IPC-HDBW5302-DI	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5421E-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW5431E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW5431R-Z	ver.2.400.0000.23.R
Vari-Focal IR Dome Camera	DH-IPC-HDBW5502	supported by specification
Vari-Focal IR Dome Camera	DH-IPC-HDBW5502-DI	supported by specification
IR Dome Camera	DH-IPC-HDBW5830E-Z	ver.2.400.0000.23.R
IR Dome Camera	DH-IPC-HDBW5830E-Z5	supported by specification
IR Dome Camera	DH-IPC-HDBW5830R-Z	ver.2.400.0000.23.R
Vari-Focal Dome Camera	DH-IPC-HDBW81230E-Z	ver.2.420.0000.21.R
Vari-Focal Dome Camera	DH-IPC-HDBW8231E-Z	ver.2.420.0000.21.R
Vari-Focal Dome Camera	DH-IPC-HDBW8231E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8232E-Z	ver.2.460.0000.3.R
Anti-Corrosion IR Dome Camera	DH-IPC-HDBW8232E-Z-SL	supported by specification
IR Dome Camera	DH-IPC-HDBW8281-Z	supported by specification
IR Dome Camera	DH-IPC-HDBW8301	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8301-Z	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8331E-Z	ver.2.420.0000.21.R
Vari-Focal Dome Camera	DH-IPC-HDBW8331E-Z5	supported by specification
Vari-Focal Dome Camera	DH-IPC-HDBW8630E-Z	ver.2.420.0000.21.R
Wi-Fi PT Dome Camera	DH-IPC-HDPW4100F-WPT	supported by specification
Wi-Fi PT Dome Camera	DH-IPC-HDPW4200F-WPT	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Wi-Fi IR Wedge Dome Camera	DH-IPC-HDPW4220F-W	supported by specification
Wi-Fi IR Wedge Dome Camera	DH-IPC-HDPW4221F-W	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW1000S	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW1020S	supported by specification
Eyeball Camera	DH-IPC-HDW1120S	supported by specification
Eyeball Camera	DH-IPC-HDW1200S	supported by specification
Eyeball Camera	DH-IPC-HDW1220S	supported by specification
Eyeball Camera	DH-IPC-HDW1320S	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2120R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2121R-ZS	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2220R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2221R-ZS	supported by specification
Vari-Focal Eyeball Camera	DH-IPC-HDW2320R-ZS	supported by specification
IR Eyeball Network Camera	DH-IPC-HDW2421R-ZS	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4100S	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4120EM	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4120EM-AS	supported by specification
IR Eyeball Camera	DH-IPC-HDW4120M	supported by specification
Eyeball Camera	DH-IPC-HDW4200S	supported by specification
Eyeball Camera	DH-IPC-HDW4220EM	supported by specification
Eyeball Camera	DH-IPC-HDW4220EM-AS	supported by specification
IR Eyeball Camera	DH-IPC-HDW4220M	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4221EM	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4221EM-AS	supported by specification
Eyeball Camera	DH-IPC-HDW4221M	supported by specification
Eyeball Camera	DH-IPC-HDW4231EM-AS	ver. 2.400.0000.23.R
Eyeball Camera	DH-IPC-HDW4231M	ver. 2.400.0000.23.R
Mini IR Dome Camera	DH-IPC-HDW4300C	supported by specification
Mini IR Dome Camera	DH-IPC-HDW4300S	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4421EM	supported by specification
LXIR Eyeball Camera	DH-IPC-HDW4421EM-AS	supported by specification
Eyeball Camera	DH-IPC-HDW4421M	supported by specification
Eyeball Camera	DH-IPC-HDW4431EM-AS	ver. 2.400.0000.23.R
Eyeball Camera	DH-IPC-HDW4431M	ver. 2.400.0000.23.R
Eyeball Camera	DH-IPC-HDW4830EM-AS	ver. 2.400.0000.23.R
Vari-Focal Eyeball Camera	DH-IPC-HDW5231R-Z	ver. 2.400.0000.23.R
Vari-Focal Eyeball Camera	DH-IPC-HDW5431R-Z	ver. 2.400.0000.23.R
IR Eyeball Camera	DH-IPC-HDW5830R-Z	ver. 2.400.0000.23.R
Box Camera	DH-IPC-HF5100	supported by specification
Box Camera	DH-IPC-HF5121E	supported by specification
Box Camera	DH-IPC-HF5200	supported by specification
Box Camera	DH-IPC-HF5221E	supported by specification
Box Camera	DH-IPC-HF5231E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HF5231E-Z	ver. 2.400.0000.23.R
Box Camera	DH-IPC-HF5421E	supported by specification
Box Camera	DH-IPC-HF5431E	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HF5431E-Z	ver. 2.400.0000.23.R
Box Camera	DH-IPC-HF81200E	supported by specification
Box Camera	DH-IPC-HF81230E	ver. 2.420.0000.21.R



### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Box Camera	DH-IPC-HF8231E	ver.2.420.0000.21.R
Box Camera	DH-IPC-HF8231F	supported by specification
Box Camera	DH-IPC-HF8232F	ver.2.460.0000.3.R
Box Camera	DH-IPC-HF8281E	supported by specification
Box Camera	DH-IPC-HF8301E	supported by specification
Box Camera	DH-IPC-HF8331E	ver.2.420.0000.21.R
Box Camera	DH-IPC-HF8630F	ver.2.420.0000.21.R
Mini Bullet Camera	DH-IPC-HFW1000S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1000S-W	supported by specification
IR Mini Bullet Camera	DH-IPC-HFW1020S	supported by specification
Mini Bullet Camera	DH-IPC-HFW1120RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1120S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1120S-W	supported by specification
Mini Bullet Camera	DH-IPC-HFW1200S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1200S-W	supported by specification
Mini Bullet Camera	DH-IPC-HFW1220RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1220S	supported by specification
Mini Bullet Camera	DH-IPC-HFW1320RM	supported by specification
Mini Bullet Camera	DH-IPC-HFW1320S	supported by specification
Wi-Fi Mini Bullet Camera	DH-IPC-HFW1320S-W	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2100R-VF	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2100R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2120R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2121R-VFS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2121R-ZS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2200R-VF	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2200R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2201R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2201R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2220R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2221R-ZS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2300R-VF	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2300R-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-VFS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-VFS-IRE6	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-ZS	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW2320R-ZS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2421R-VFS-IRE6	supported by specification
IR Bullet Network Camera	DH-IPC-HFW2421R-ZS-IRE6	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4100E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4100S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120B-AS	supported by specification

**Preferred Integration Protocol: CGI (native protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LXIR Bullet Camera	DH-IPC-HFW4120D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4120D-AS	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4120E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4120S	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4200E	supported by specification
Mini IR Bullet Camera	DH-IPC-HFW4200S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4220D-AS	supported by specification
Mino IR Bullet Camera	DH-IPC-HFW4220E	supported by specification
Mino IR Bullet Camera	DH-IPC-HFW4220S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4221D-AS	supported by specification
Mini Bullet Camera	DH-IPC-HFW4221E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4221S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4231B-AS	ver. 2.400.0000.23.R
LXIR Bullet Camera	DH-IPC-HFW4231D-AS	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4231E-S	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4231S	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4300E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4300S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421B	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421B-AS	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421D	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4421D-AS	supported by specification
Mini Bullet Camera	DH-IPC-HFW4421E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4421S	supported by specification
LXIR Bullet Camera	DH-IPC-HFW4431B-AS	ver. 2.400.0000.23.R
LXIR Bullet Camera	DH-IPC-HFW4431D-AS	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4431E-S	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4431S	ver. 2.400.0000.23.R
Mini Bullet Camera	DH-IPC-HFW4800E	supported by specification
Mini Bullet Camera	DH-IPC-HFW4830E-S	ver. 2.400.0000.23.R
Water-proof IR-Bullet Camera	DH-IPC-HFW5100C	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5100D	supported by specification
IR Bullet Camera	DH-IPC-HFW5100E-VF	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5100-IRA	supported by specification
Fixed IR Bullet Camera	DH-IPC-HFW5121E-Z	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5200	supported by specification
Water-proof IR-Bullet Camera	DH-IPC-HFW5200D	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-VF	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5200E-Z12	supported by specification
Water-proof IR Bullet Camera	DH-IPC-HFW5200-IRA	supported by specification
Water-proof IR Bullet Camera	DH-IPC-HFW5202C	supported by specification
IR Bullet Camera	DH-IPC-HFW5220E-Z	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vari-Focal Bullet Camera	DH-IPC-HFW5221E-Z	supported by specification
Vandal Proof Network IR-Bullet Camera	DH-IPC-HFW5221E-Z-V	supported by specification
IR Bullet Camera	DH-IPC-HFW5231E-Z	ver.2.400.0000.23.R
IR Bullet Camera	DH-IPC-HFW5231E-Z5	supported by specification
IR Bullet Camera	DH-IPC-HFW5300C	supported by specification
IR Bullet Camera	DH-IPC-HFW5300E-VF	supported by specification
Vari-Focal IR Bullet Camera	DH-IPC-HFW5300E-Z	supported by specification
Vari-Focal IR Bullet Camera	DH-IPC-HFW5302C	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW5421E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5431E-Z	ver.2.400.0000.23.R
IR Bullet Camera	DH-IPC-HFW5431E-Z5	supported by specification
Vari-Focal IR-Bullet Camera	DH-IPC-HFW5502C	supported by specification
IR Bullet Camera	DH-IPC-HFW5830E-Z	supported by specification
IR Bullet Camera	DH-IPC-HFW5830E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW81200E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW81230E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8231E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8231E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8232E-Z	ver.2.460.0000.3.R
Vari-Focal Bullet Camera	DH-IPC-HFW8281E-Z	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8331E-Z	ver.2.420.0000.21.R
Vari-Focal Bullet Camera	DH-IPC-HFW8331E-Z5	supported by specification
Vari-Focal Bullet Camera	DH-IPC-HFW8630E-Z	ver.2.420.0000.21.R
Pinhole Camera	DH-IPC-HUM8101	supported by specification
Pinhole Camera	DH-IPC-HUM8230-E1	supported by specification
Cube Camera	DH-IPC-K100	supported by specification
Cube Camera	DH-IPC-K100A	supported by specification
Wi-Fi Cube Camera	DH-IPC-K100W	supported by specification
Wi-Fi Cube Camera	DH-IPC-K15	supported by specification
Wi-Fi Cube Camera	DH-IPC-K15S	supported by specification
Cube Camera	DH-IPC-K200	supported by specification
Cube Camera	DH-IPC-K200A	supported by specification
Wi-Fi Cube Camera	DH-IPC-K200W	supported by specification
Wi-Fi Cube Camera	DH-IPC-K35	supported by specification
Wi-Fi Cube Camera	DH-IPC-K35S	supported by specification
Cube Camera	DH-IPC-KW10	supported by specification
Cube Camera	DH-IPC-KW100	supported by specification
Wi-Fi Cube Camera	DH-IPC-KW10W	supported by specification
Cube Camera	DH-IPC-KW12	supported by specification
Wi-Fi Cube Camera	DH-IPC-KW12W	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PDBW8800-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PFW8601-A180	supported by specification
Multi-Lens Panoramic IR Bullet Camera	DH-IPC-PFW8800-A180	supported by specification
Fixed Mini-Dome Camera	DH-PC-HDBW1220E	supported by specification
LXIR Bullet Camera	DH-PC-HFW4221B	supported by specification
LXIR Bullet Camera	DH-PC-HFW4221B-AS	supported by specification
IR Positioning System	DH-PTZ12230F-IRB-N	supported by specification
Laser IR Positioning System	DH-PTZ12230F-LR8-N	supported by specification
IR Positioning System	DH-PTZ12230-IRB-N	supported by specification

**Preferred Integration Protocol: CGI (native protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Laser Positioning System	DH-PTZ12230-LR8-N	supported by specification
IR Positioning System	DH-PTZ12240-IRB-N	supported by specification
Laser Positioning System	DH-PTZ12240-LR8-N	supported by specification
IR Mobile Positioning System	DH-PTZ35230U-IRA-N	supported by specification
Mini IR PTZ Camera	DH-SD22204T-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD22204T-GN-W	supported by specification
Mini IR PTZ Camera	DH-SD29204S-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD29204S-GN-W	supported by specification
Mini IR PTZ Camera	DH-SD29204T-GN	supported by specification
Wi-Fi Mini IR PTZ Camera	DH-SD29204T-GN-W	supported by specification
Speed Dome Camera	DH-SD32203S-HN	supported by specification
Speed Dome Camera	DH-SD40212S-HN	supported by specification
Speed Dome Camera	DH-SD40212T-HN	supported by specification
Speed Dome Camera	DH-SD42212S-HN	ver. 2.210.0000.0.R
Speed Dome Camera	DH-SD42212T-HN	supported by specification
Speed Dome Camera	DH-SD42C212S-HN	supported by specification
Speed Dome Camera	DH-SD42C212T-HN	supported by specification
IR Speed Dome Camera	DH-SD49212T-HN	supported by specification
IR Speed Dome Camera	DH-SD49220T-HN	supported by specification
IR Speed Dome Camera	DH-SD49225T-HN	supported by specification
Speed Dome Camera	DH-SD50120T-HN	supported by specification
Speed Dome Camera	DH-SD50131U-HNI	supported by specification
Speed Dome Camera	DH-SD50220S-HN	supported by specification
Speed Dome Camera	DH-SD50220T-HN	supported by specification
Speed Dome Camera	DH-SD50230S-HNI	supported by specification
Speed Dome Camera	DH-SD50230T-HN	supported by specification
Speed Dome Camera	DH-SD50230U-HNI	supported by specification
Speed Dome Camera	DH-SD50430U-HNI	supported by specification
Speed Dome Camera	DH-SD50C120S-HN	supported by specification
Speed Dome Camera	DH-SD50C120T-HN	supported by specification
Speed Dome Camera	DH-SD52C120S-HN	supported by specification
Speed Dome Camera	DH-SD52C120T-HN	supported by specification
Speed Dome Camera	DH-SD52C131U-HNI	supported by specification
Speed Dome Camera	DH-SD52C220S-HN	supported by specification
Speed Dome Camera	DH-SD52C220T-HN	supported by specification
Speed Dome Camera	DH-SD52C225U-HNI	supported by specification
Speed Dome Camera	DH-SD52C230S-HN	supported by specification
Speed Dome Camera	DH-SD52C230T-HN	supported by specification
Speed Dome Camera	DH-SD52C230U-HNI	supported by specification
Speed Dome Camera	DH-SD52C430U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59120S-HN	supported by specification
IR Speed Dome Camera	DH-SD59120T-HN	supported by specification
IR Speed Dome Camera	DH-SD59131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59212S-HN	supported by specification
IR Speed Dome Camera	DH-SD59220S-HN	supported by specification
IR Speed Dome Camera	DH-SD59220T-HN	supported by specification
IR Speed Dome Camera	DH-SD59225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59230S-HN	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Speed Dome Camera	DH-SD59230T-HN	supported by specification
IR Speed Dome Camera	DH-SD59230U-HNI	supported by specification
IR Speed Dome Camera	DH-SD59430U-HNI	supported by specification
Speed Dome Camera	DH-SD60120T-HN	supported by specification
Speed Dome Camera	DH-SD60131U-HNI	supported by specification
Speed Dome Camera	DH-SD60220T-HN	supported by specification
Speed Dome Camera	DH-SD60225U-HNI	supported by specification
Speed Dome Camera	DH-SD60230T-HN	supported by specification
Speed Dome Camera	DH-SD60230U-HNI	supported by specification
Anti-corrosion PTZ Camera	DH-SD60230U-HNI-SL	supported by specification
Speed Dome Camera	DH-SD60430U-HNI	supported by specification
Speed Dome Camera	DH-SD63120S-HN	supported by specification
Speed Dome Camera	DH-SD63220S-HN	supported by specification
Speed Dome Camera	DH-SD63230S-HN	supported by specification
Speed Dome Camera	DH-SD65230-HNI	supported by specification
Speed Dome Camera	DH-SD65320-HN	supported by specification
Speed Dome Camera	DH-SD65F230F-HNI	supported by specification
Speed Dome Camera	DH-SD65F830V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6A230-HNI	supported by specification
IR Speed Dome Camera	DH-SD6A320-HN	supported by specification
IR Speed Dome Camera	DH-SD6AE230F-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AE240V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AE530U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AE830V-HNI	supported by specification
Laser Speed Dome Camera	DH-SD6AL230F-HNI	supported by specification
Laser Speed Dome Camera	DH-SD6AL240-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AL830V-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AW230-HNI	supported by specification
IR Speed Dome Camera	DH-SD6AW320-HN	supported by specification
IR Speed Dome Camera	DH-SD6C120S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C120T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C220S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C220T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C230E-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230S-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230T-HN	supported by specification
IR Speed Dome Camera	DH-SD6C230U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6C430U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE131U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE225U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE230U-HNI	supported by specification
IR Speed Dome Camera	DH-SD6CE430U-HNI	supported by specification
Zoom Camera	DH-SDZ1020S-N	supported by specification
Zoom Camera	DH-SDZ2020S-N	supported by specification
Zoom Camera	DH-SDZ2030S-N	supported by specification
Zoom Camera	DH-SDZH1020S-N	supported by specification
Zoom Camera	DH-SDZH2030S-N	supported by specification

### Preferred Integration Protocol: CGI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IR Zoom Camera	DH-SDZW1020S-N	supported by specification
IR Zoom Camera	DH-SDZW2020S-N	supported by specification
IR Zoom Camera	DH-SDZW2030S-N	supported by specification
Thermal Bullet Camera	DH-TPC-BF5300	supported by specification
Thermal Bullet Camera	DH-TPC-BF5300-T	supported by specification
Thermal Bullet Camera	DH-TPC-BF5600	supported by specification
Thermal Bullet Camera	DH-TPC-BF5600-T	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8320	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8320-T	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8620	supported by specification
Thermal Hybrid Bullet Camera	DH-TPC-BF8620-T	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320B	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320C	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8320M	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8320M-T	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8320-T	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8620	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8620B	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8620C	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8620M	supported by specification
Thermal Hybrid Mobile System	DH-TPC-PT8620M-T	supported by specification
Thermal Hybrid Position System	DH-TPC-PT8620-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD5300	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD5300-T	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD5600	supported by specification
Thermal Speed Dome Camera	DH-TPC-SD5600-T	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8320	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8320-T	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8620	supported by specification
Thermal Hybrid Speed Dome Camera	DH-TPC-SD8620-T	supported by specification
ITS Parking Camera	DH-ITC114-PH1A	supported by specification
ITS Parking Camera	DH-ITC114-PH1B	supported by specification
ITS LPR Camera	DH-ITC206-RF1A	ver.2.300.0001.4.R
ITS LPR Camera	DH-ITC206-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-IRL	supported by specification
ITS LPR Camera	DH-ITC206-RU1A-L	supported by specification
ITS Parking Short Focus Camera	DH-ITC217-PW1B-IRLZ	supported by specification
ITS Parking Long Focus Camera	DH-ITC217-PW1B-IRLZ10	supported by specification
ITS Traffic Flow Camera	DH-ITC235-TF1A	supported by specification
ITS Traffic Flow Camera	DH-ITC235-TU1A	supported by specification
ITS Parking Long Focus Camera	DH-ITC237-PU1A-HL	supported by specification
ITS Parking Long Focus Camera	DH-ITC237-PU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC237-PU1B-IR	supported by specification
ITS LPR Camera	DH-ITC237-PU1B-L	supported by specification
ITS Parking Short Focus Camera	DH-ITC237-PW1A-IRZ	supported by specification
ITS Parking Short Focus Camera	DH-ITC237-PW1B-IRZ	supported by specification
ITS LPR Camera	DH-ITC302-RF1A	supported by specification

**Preferred Integration Protocol: CGI (native protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** PTZ; Presets; Tour; Relays

**Analytics:** Native embedded analytic detectors

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
ITS LPR Camera	DH-ITC302-RF1A-IR	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-HLZ	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-IRHL	supported by specification
ITS LPR Camera	DH-ITC302-RU1A-IRHLZ	supported by specification
ITS Parking Camera	DH-ITC314-PH1A	supported by specification
ITS Parking Camera	DH-ITC314-PH1B	supported by specification
ITS Parking Camera	DH-ITC314-PH1A-TF2	supported by specification
ITS LPR Camera	DH-ITC602-RF1A-IR	supported by specification
ITS LPR Camera	DH-ITC602-RU1A-HL	supported by specification
ITS LPR Camera	DH-ITC602-RU1A-IRHL	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Dallmeier PTZ Speed Camera	DDF4010HDV	supported by specification
Dallmeier Fixed Dome Camera	DDF4220HDV	supported by specification
Dallmeier Fixed Dome Camera	DDF4320HD-DN	supported by specification
Dallmeier Fixed Dome Camera	DDF4510HDV	supported by specification
Dallmeier Fixed Dome Camera	DDF4520HDV-DN	supported by specification
Dallmeier Fixed Dome Camera	DDF4820HDV-DN	supported by specification
Dallmeier Fixed Dome Camera	DDF4920HDV-DN	supported by specification
Dallmeier PTZ Speed Camera	DDZ4010	supported by specification
Dallmeier PTZ Speed Camera	DDZ4020	tested by partner
Dallmeier Fixed Box Camera	DF4500HD	supported by specification
Dallmeier Fixed Box Camera	DF4510HD	supported by specification
Dallmeier Fixed Box Camera	DF4900HD	supported by specification
Dallmeier Fixed Box Camera	DF4900HD-DN/IR	supported by specification
Dallmeier Fixed Box Camera	DF4910HD	supported by specification
Dallmeier Fixed Box Camera	DF4910HD-DN	supported by specification
Dallmeier Fixed Box Camera	DF4910HD-DN/IR	ver. 6.1.2.9
Dallmeier Fixed Box Camera	DF4920HD-DN	supported by specification
Dallmeier Fixed Box Camera	DF4920HD-DN/IR	supported by specification
Dallmeier Camera Kit	MDF4220HD	supported by specification



### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Etrovision Fixed Box Camera	EV8180A	tested by partner
Etrovision Fixed Box Camera	EV8180A-XD	supported by specification
Etrovision Fixed Box Camera	EV8180F	tested by partner
Etrovision Fixed Box Camera	EV8180Q	supported by specification
Etrovision Fixed Box Camera	EV8180Q-XD	supported by specification
Etrovision Fixed Box Camera	EV8180U	supported by specification
Etrovision PTZ Dome Camera	EV8280U-MD	tested by partner
Etrovision PTZ Dome Camera	EV8286Q-MD	supported by specification
Etrovision Fixed Dome Camera	EV8383F	supported by specification
Etrovision Fixed Dome Camera	EV8580A	supported by specification
Etrovision Fixed Dome Camera	EV8580A-BD	supported by specification
Etrovision Fixed Dome Camera	EV8580A-CD	supported by specification
Etrovision Fixed Dome Camera	EV8580F	supported by specification
Etrovision Fixed Dome Camera	EV8580Q	supported by specification
Etrovision Fixed Dome Camera	EV8580Q-BD	supported by specification
Etrovision Fixed Dome Camera	EV8580Q-CD	supported by specification
Etrovision Fixed Dome Camera	EV8580Q-MD	supported by specification
Etrovision Fixed Dome Camera	EV8580U	supported by specification
Etrovision Fixed Dome Camera	EV8581A	supported by specification
Etrovision Fixed Dome Camera	EV8581A-CD	supported by specification
Etrovision Fixed Dome Camera	EV8581Q	supported by specification
Etrovision Fixed Dome Camera	EV8581Q-BD	supported by specification
Etrovision Fixed Dome Camera	EV8581Q-CD	supported by specification
Etrovision Fixed Dome Camera	EV8581Q-MD	supported by specification
Etrovision Fixed Dome Camera	EV8581U	supported by specification
Etrovision Fixed Dome Camera	EV8582A	supported by specification
Etrovision Fixed Box Camera	EV8780A	supported by specification
Etrovision Fixed Box Camera	EV8780U	supported by specification
Etrovision Fixed Box Camera	EV8781A	supported by specification
Etrovision Fixed Box Camera	EV8781A-CD	supported by specification
Etrovision Fixed Box Camera	EV8781A-DD	supported by specification
Etrovision Fixed Box Camera	EV8781F	supported by specification
Etrovision Fixed Box Camera	EV8781Q	supported by specification
Etrovision Fixed Box Camera	EV8781Q-CD	supported by specification
Etrovision Fixed Box Camera	EV8781Q-DD	supported by specification
Etrovision Fixed Box Camera	EV8781Q-MD	supported by specification
Etrovision Fixed Box Camera	EV8781U	supported by specification
Etrovision Fixed Dome Camera	EV8782A	supported by specification
Etrovision Fixed Box Camera	EV8782A-BD	supported by specification
Etrovision Fixed Dome Camera	EV8782Q	supported by specification
Etrovision Fixed Box Camera	EV8782Q-BD	supported by specification
Etrovision Fixed Dome Camera	EV8782U	supported by specification
Etrovision Fixed Box Camera	N10A	supported by specification
Etrovision Fixed Box Camera	N10A-XL	supported by specification
Etrovision Fixed Box Camera	N10F	supported by specification
Etrovision Fixed Box Camera	N10Q-XD	supported by specification
Etrovision Fixed Box Camera	N10U	supported by specification
Etrovision Fixed Box Camera	N10U-XL	supported by specification
Etrovision PTZ Dome Camera	N21Q-18	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Etrovision PTZ Dome Camera	N21Q-33	supported by specification
Etrovision PTZ Dome Camera	N22Q-10	supported by specification
Etrovision PTZ Dome Camera	N23Q-33	supported by specification
Etrovision PTZ Dome Camera	N26Q-18	supported by specification
Etrovision PTZ Dome Camera	N26Q-33	supported by specification
Etrovision Fixed Dome Camera	N50A-B/C	supported by specification
Etrovision Fixed Dome Camera	N50A-BL/CL	supported by specification
Etrovision Fixed Dome Camera	N50A-ML	supported by specification
Etrovision Fixed Dome Camera	N50F-B/C	supported by specification
Etrovision Fixed Dome Camera	N50F-F	supported by specification
Etrovision Fixed Dome Camera	N50Q-BD/CD	supported by specification
Etrovision Fixed Dome Camera	N50Q-MD	supported by specification
Etrovision Fixed Dome Camera	N50U-B/C	supported by specification
Etrovision Fixed Dome Camera	N50U-BL/CL	supported by specification
Etrovision Fixed Dome Camera	N50U-FL	supported by specification
Etrovision Fixed Dome Camera	N50U-ML	supported by specification
Etrovision Fixed Dome Camera	N51A-B/C	supported by specification
Etrovision Fixed Dome Camera	N51A-BL/CL	supported by specification
Etrovision Fixed Dome Camera	N51A-ML	supported by specification
Etrovision Fixed Dome Camera	N51F-F	supported by specification
Etrovision Fixed Dome Camera	N51Q-BD/CD	supported by specification
Etrovision Fixed Dome Camera	N51Q-MD	supported by specification
Etrovision Fixed Dome Camera	N51U-B/C	supported by specification
Etrovision Fixed Dome Camera	N51U-BL/CL	supported by specification
Etrovision Fixed Dome Camera	N51U-FL	supported by specification
Etrovision Fixed Dome Camera	N51U-ML	supported by specification
Etrovision Fixed Dome Camera	N52A-BD	supported by specification
Etrovision Fixed Dome Camera	N52A-BL	supported by specification
Etrovision Fixed Dome Camera	N52U-BL	supported by specification
Etrovision Fixed Dome Camera	N53A-BL	supported by specification
Etrovision Fixed Dome Camera	N53F-F	supported by specification
Etrovision Fixed Dome Camera	N53U-BL	supported by specification
Etrovision Fixed Dome Camera	N53U-FL	supported by specification
Etrovision Fixed Dome Camera	N56A-BL	supported by specification
Etrovision Fixed Dome Camera	N56Q-10	supported by specification
Etrovision Fixed Dome Camera	N56Q-C	supported by specification
Etrovision Fixed Dome Camera	N57F-M	supported by specification
Etrovision Fixed Dome Camera	N57Q-M	supported by specification
Etrovision Fixed Dome Camera	N57U-M	supported by specification
Etrovision Fixed Dome Camera	N58F	supported by specification
Etrovision Fixed Bullet Camera	N70A-BL	supported by specification
Etrovision Fixed Bullet Camera	N70Q-10	supported by specification
Etrovision Fixed Bullet Camera	N70Q-C	supported by specification
Etrovision Fixed Bullet Camera	N71A-C/D	supported by specification
Etrovision Fixed Bullet Camera	N71A-CL/DL	supported by specification
Etrovision Fixed Bullet Camera	N71A-ML	supported by specification
Etrovision Fixed Bullet Camera	N71F-B/C	supported by specification
Etrovision Fixed Bullet Camera	N71Q-CD/DD	supported by specification
Etrovision Fixed Bullet Camera	N71Q-MD	supported by specification
Etrovision Fixed Bullet Camera	N71U-C/D	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Etrovision Fixed Bullet Camera	N71U-CL/DL	supported by specification
Etrovision Fixed Bullet Camera	N71U-ML	supported by specification
Etrovision Fixed Bullet Camera	N73F	supported by specification
Etrovision Fixed Bullet Camera	N75F-C	supported by specification
Etrovision Fixed Bullet Camera	N75Q-C	supported by specification
Etrovision Fixed Bullet Camera	N75U-C	supported by specification
Etrovision Fixed Bullet Camera	N76F-M	supported by specification
Etrovision Fixed Bullet Camera	N76Q-M	supported by specification
Etrovision Fixed Bullet Camera	N76U-M	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** Pan, Tilt, Zoom; Presets

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Bullet Series	Apix - 10ZBullet / S2	supported by specification
APIX SpeedDome Series	Apix - 12ZDome / D1	supported by specification
APIX SpeedDome Series	Apix - 12ZDome / E3 EXT	ver.2.0.0702.1002.67.1.119.1.6
APIX Zbox Series	Apix - 18ZBox / M2	supported by specification
APIX Zbox Series	Apix - 18ZBox / M2 SFP	supported by specification
APIX SpeedDome Series	Apix - 18ZDome / M2	supported by specification
APIX SpeedDome Series	Apix - 20ZDome / M2	supported by specification
APIX SpeedDome Series	Apix - 20ZDome / M2 SFP EXT	supported by specification
APIX SpeedDome Series	Apix - 22ZDome / E2 LED EXT	supported by specification
APIX SpeedDome Series	Apix - 22ZDome / S2 LED SFP	supported by specification
APIX Zbox Series	Apix - 30ZBox / M4	supported by specification
APIX EX Series	Apix - 30ZBox / M4 1ExdIIBT6X	supported by specification
APIX SpeedDome Series	Apix - 30ZDome / E3 LED EXT	supported by specification
APIX SpeedDome Series	Apix - 30ZDome / M2 EXT	supported by specification
APIX SpeedDome Series	Apix - 30ZDome / SP3 WDR i103	supported by specification
APIX EX Series	Apix - 32ZDome/M2 T08-ExCam	supported by specification
APIX SpeedDome Series	Apix - 33ZDome / M2 LED SFP	supported by specification
APIX SpeedDome Series	Apix - 33ZDome / S2 LED	supported by specification
APIX SpeedDome Series	Apix - 36ZDome / D1	supported by specification
APIX Box Series	Apix - Box / 4K	supported by specification
APIX Box Series	Apix - Box / E2	supported by specification
APIX Box Series	Apix - Box / E3	supported by specification
APIX Box Series	Apix - Box / E4	supported by specification
APIX EX Series	Apix - Box / E4 1ExdIIBT6X 3610	supported by specification
APIX EX Series	Apix - Box / E4 T08-VA2.2 3610	supported by specification
APIX Box Series	Apix - Box / E8	supported by specification
APIX Box Series	Apix - Box / M2	supported by specification
APIX Box Series	Apix - Box / M2 Lite	supported by specification
APIX Box Series	Apix - Box / M2 SFP	supported by specification
APIX Box Series	Apix - Box / M2 WDR	supported by specification
APIX Box Series	Apix - Box / M2 WDR ABF	supported by specification
APIX Box Series	Apix - Box / M3	supported by specification
APIX Box Series	Apix - Box / M3 SFP	supported by specification
APIX Box Series	Apix - Box / M4	supported by specification
APIX Box Series	Apix - Box / M5	supported by specification
APIX Box Series	Apix - Box / M5 SFP	supported by specification
APIX Box Series	Apix - Box / S2	supported by specification
APIX Box Series	Apix - Box / S2 SFP	supported by specification
APIX Box Series	Apix - Box / S2 SFP Expert	supported by specification
APIX Bullet Series	Apix - Bullet / E2	supported by specification
APIX Bullet Series	Apix - Bullet / E2 36	supported by specification
APIX Bullet Series	Apix - Bullet / E2 NT 2812	supported by specification
APIX Bullet Series	Apix - Bullet / E3 3312	supported by specification
APIX Bullet Series	Apix - Bullet / E3 36	supported by specification
APIX Bullet Series	Apix - Bullet / E4 2712	supported by specification
APIX Bullet Series	Apix - Bullet / E4 2812 AF	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Controls:** Pan, Tilt, Zoom; Presets

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
APIX Bullet Series	Apix - Bullet / E4 3012	supported by specification
APIX Bullet Series	Apix - Bullet / E4 3312	supported by specification
APIX Bullet Series	Apix - Bullet / E5	supported by specification
APIX Bullet Series	Apix - Bullet / M1 3312	supported by specification
APIX Bullet Series	Apix - Bullet / M2 2812	supported by specification
APIX Bullet Series	Apix - Bullet / M2 3010	supported by specification
APIX Bullet Series	Apix - Bullet / M2 Lite	supported by specification
APIX Bullet Series	Apix - Bullet / M3 3010 AF	supported by specification
APIX Bullet Series	Apix - Bullet / M4 2812 AF	supported by specification
APIX Compact Series	Apix - Compact / M1 42	supported by specification
APIX Compact Series	Apix - Compact / M2 28 WiFi	supported by specification
APIX Dome Series	Apix - Dome / 4K AF	supported by specification
APIX Dome Series	Apix - Dome / E2 309	supported by specification
APIX Dome Series	Apix - Dome / E2 309 LED	supported by specification
APIX Dome Series	Apix - Dome / E2 WDR 2812 AF	supported by specification
APIX Dome Series	Apix - Dome / E3 309	supported by specification
APIX Dome Series	Apix - Dome / E5 LED	supported by specification
APIX Dome Series	Apix - Dome / M2 LED AF 309	supported by specification
APIX Dome Series	Apix - Dome / M2 WDR LED	supported by specification
APIX Dome Series	Apix - Dome / M3 LED AF 309	supported by specification
APIX Dome Series	Apix - Dome / M3 LED Ext AF	supported by specification
APIX Dome Series	Apix - Dome / M4 309 AF	supported by specification
APIX FishEye Series	Apix - FishEye / E6 EXT**	supported by specification
APIX FishEye Series	Apix - FishEye / E6 ICM	supported by specification
APIX FishEye Series	Apix - FishEye / M12 EXT II**	supported by specification
APIX Bullet Series	Apix - MiniBullet / M2 36	supported by specification
APIX Bullet Series	Apix - MiniBullet / M4 36	supported by specification
APIX Dome Series	Apix - MiniDome / E2 21	supported by specification
APIX Dome Series	Apix - MiniDome / E4 21	supported by specification
APIX Dome Series	Apix - MiniDome / M2 36	supported by specification
APIX Dome Series	Apix - MiniDome / M2 EXT	supported by specification
APIX Dome Series	Apix - MiniDome / M2 Lite 40	supported by specification
APIX Dome Series	Apix - MiniDome / M2 WDR	supported by specification
APIX Dome Series	Apix - MiniDome / M4	supported by specification
APIX Dome Series	Apix - VDome / 4K EXT AF	supported by specification
APIX Dome Series	Apix - VDome / E4 2812 AF	supported by specification
APIX Dome Series	Apix - VDome / E8 EXT 2812 AF	supported by specification
APIX Dome Series	Apix - VDome / M2 LED EXT 279 AF	supported by specification
APIX Dome Series	Apix - VDome / M2 LED EXT 3010	supported by specification
APIX Dome Series	Apix - VDome / M4 EXT 309 AF	supported by specification
APIX Dome Series	Apix - VDome / S2 2812 WDR AF	supported by specification
APIX Thermal Series	Apix-Thermal / CIF PTZ	supported by specification
APIX Thermal Series	Apix-Thermal / CIF	supported by specification
APIX EX Series	Apix-Thermal / CIF EX	supported by specification

### Preferred Integration Protocol: CGI (native Evidence protocol)

**Video:** All channels available in device; up to 1 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Inputs, Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Evidence APIX Fixed Box Camera	APIX-10ZBox / M1	supported by specification
Evidence APIX PTZ Dome Camera	APIX-12ZDome / D1	supported by specification
Evidence APIX PTZ Dome Camera	APIX-12ZDome / D1 Ext	supported by specification
Evidence APIX Fixed Box Camera	APIX-18ZBox / M2	supported by specification
Evidence APIX PTZ Dome Camera	APIX-18ZDome / M2	supported by specification
Evidence APIX PTZ Dome Camera	APIX-18ZDome / M2 Ext	supported by specification
Evidence APIX PTZ Dome Camera	APIX-36ZDome / D1	supported by specification
Evidence APIX PTZ Dome Camera	APIX-36ZDome / D1 Ext	supported by specification
Evidence APIX Fixed Box Camera	APIX-Box / M1	supported by specification
Evidence APIX Fixed Box Camera	APIX-Box / M2	supported by specification
Evidence APIX Fixed Box Camera	APIX-Box / M2 Lite	ver.p20100621NS
Evidence APIX Fixed Box Camera	APIX-Box / M3	supported by specification
Evidence APIX Fixed Box Camera	APIX-Box / M5	supported by specification
Evidence APIX Fixed Bullet Camera	APIX-Bullet / M1	supported by specification
Evidence APIX Fixed Bullet Camera	APIX-Bullet / M2	supported by specification
Evidence APIX Fixed Bullet Camera	APIX-Bullet / M2 Lite	supported by specification
Evidence APIX Fixed Bullet Camera	APIX-Compact / M1	supported by specification
Evidence APIX Fixed Dome Camera	APIX-Dome / M2 Led	supported by specification
Evidence APIX Fixed Dome Camera	APIX-Dome / M2 Lite	supported by specification
Evidence APIX Fixed Dome Camera	APIX-MiniDome / M1	ver.p20100317NS
Evidence APIX Fixed Dome Camera	APIX-MiniDome / M2 Lite	supported by specification
Evidence APIX Fixed Dome Camera	APIX-Vdome / M1	supported by specification
Evidence APIX Fixed Dome Camera	APIX-VDome / M1 Ext	supported by specification
Evidence APIX Fixed Dome Camera	APIX-VDome / M2 Led Ext	supported by specification
Evidence APIX Fixed Dome Camera	APIX-VDome / M2 Lite Led	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Flexwatch Fixed Box Camera	FW1170-VO	supported by specification
Flexwatch Fixed Box Camera	FW1173-DS	supported by specification
Flexwatch Fixed Box Camera	FW1173-FS	supported by specification
Flexwatch Fixed Box Camera	FW1173-FX	supported by specification
Flexwatch Fixed Box Camera	FW1173-MS	ver. 4.12-06-ds
Flexwatch Fixed Dome Camera	FW1174-MC	supported by specification
Flexwatch Fixed Dome Camera	FW1174-VC	supported by specification
Flexwatch Fixed Dome Camera	FW1175-DS	supported by specification
Flexwatch Fixed Dome Camera	FW1175-FM	supported by specification
Flexwatch Fixed Dome Camera	FW1175-FM(1S)	supported by specification
Flexwatch Fixed Dome Camera	FW1175-FS	supported by specification
Flexwatch Fixed Dome Camera	FW1175-FV(1S)	supported by specification
Flexwatch Fixed Dome Camera	FW1175-FX	supported by specification
Flexwatch Fixed Dome Camera	FW1175-MS	supported by specification
Flexwatch Fixed Dome Camera	FW1176-DS	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FF(1S)	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FM	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FM(1S)	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FS	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FV(1S)	supported by specification
Flexwatch Fixed Dome Camera	FW1176-FX	supported by specification
Flexwatch Fixed Dome Camera	FW1176-MS	supported by specification
Flexwatch PTZ Dome Camera	FW1177-DE	supported by specification
Flexwatch PTZ Dome Camera	FW1178-DP	supported by specification
Flexwatch Fixed Bullet Camera	FW1179-FM(1S)	supported by specification
Flexwatch Fixed Box Camera	FW1179-MS	supported by specification
Flexwatch Fixed Bullet Camera	FW1179-WM(1S)	supported by specification
Flexwatch Mobile Box Camera	FW1193-FG	supported by specification
Flexwatch Fixed Box Camera	FW7300-TXN	supported by specification
Flexwatch Fixed Dome Camera	FW7500-TXM-R	supported by specification
Flexwatch Fixed Dome Camera	FW7500-TXV-R	supported by specification
Flexwatch Fixed Dome Camera	FW7501-TVM-R	supported by specification
Flexwatch Fixed Dome Camera	FW7501-TVV-R	supported by specification
Flexwatch Fixed Dome Camera	FW7502-FC3	supported by specification
Flexwatch Fixed Dome Camera	FW7502-TVF-R	supported by specification
Flexwatch Fixed Dome Camera	FW7502-TVP	supported by specification
Flexwatch Fixed Dome Camera	FW7504-KVF	supported by specification
Flexwatch PTZ Dome Camera	FW7706-FNP	supported by specification
Flexwatch PTZ Dome Camera	FW7707-FNR	supported by specification
Flexwatch PTZ Dome Camera	FW7709-FNR	supported by specification
Flexwatch PTZ Dome Camera	FW7804-FNC	supported by specification
Flexwatch Fixed Bullet Camera	FW7901-KVF	supported by specification
Flexwatch Fixed Bullet Camera	FW7901-TVM-R	supported by specification
Flexwatch Fixed Bullet Camera	FW7901-TVV-R	supported by specification
Flexwatch Fixed Bullet Camera	FW7902-FC3	supported by specification
Flexwatch Fixed Bullet Camera	FW7902-TVF-R	supported by specification
Flexwatch Fixed Bullet Camera	FW7930-HSM	supported by specification
Flexwatch Fixed Bullet Camera	FW7930-KVM	supported by specification
Flexwatch Fixed Bullet Camera	FW7930-PSM	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Flexwatch Fixed Bullet Camera	FW7930-TXM	supported by specification
Flexwatch Fixed Bullet Camera	FW9302-TXM-R	supported by specification



### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR A-Series	A310F	supported by specification
FLIR A-Series	A310PT	supported by specification
FLIR Ariel Bullet Camera	CB-3102-01-I	supported by specification
FLIR Ariel Bullet Camera	CB-3102-11-I	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-11	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-21	supported by specification
FLIR ioi HD Bullet Camera	CB-5222-31	supported by specification
FLIR Quasar Bullet Camera	CB-6204-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6204-21-I	supported by specification
FLIR Quasar Bullet Camera	CB-6208-11-I	supported by specification
FLIR Quasar Bullet Camera	CB-6208-21-I	supported by specification
FLIR Ariel Corner Camera	CC-3103-01-I	supported by specification
FLIR Quasar Fixed Box Camera	CF-4221-00	supported by specification
FLIR Quasar Fixed Box Camera	CF-4251-00	supported by specification
FLIR ioi Box Camera	CF-5212	supported by specification
FLIR ioi Box Camera	CF-5222	supported by specification
FLIR Ariel Mini-Dome Camera	CM-3102-01-I	supported by specification
FLIR Ariel Mini-Dome Camera	CM-3102-11-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6204-11-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6204-21-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6206-H1-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6208-11-I	supported by specification
FLIR Quasar Mini-Dome Camera	CM-6208-21-I	supported by specification
FLIR Quasar PTZ Camera	CP-4221-300	supported by specification
FLIR Quasar PTZ Camera	CP-4221-301	supported by specification
FLIR D-Series	D-313	supported by specification
FLIR D-Series	D-324	supported by specification
FLIR D-Series	D-334	supported by specification
FLIR D-Series	D-348	supported by specification
FLIR D-Series	D-618	supported by specification
FLIR D-Series	D-625	supported by specification
FLIR D-Series	D-645	supported by specification
FLIR F-Series	F-112	supported by specification
FLIR F-Series	F-117	supported by specification
FLIR F-Series	F-124	supported by specification
FLIR F-Series	F-304	supported by specification
FLIR F-Series	F-307	supported by specification
FLIR F-Series	F-313	supported by specification
FLIR F-Series	F-324	supported by specification
FLIR F-Series	F-334	supported by specification
FLIR F-Series	F-348	tested by partner
FLIR F-Series	F-606	supported by specification
FLIR F-Series	F-610	supported by specification
FLIR F-Series	F-612	supported by specification
FLIR F-Series	F-618	supported by specification
FLIR F-Series	F-625	supported by specification
FLIR F-Series	F-645	supported by specification
FLIR FC-Series ID	FC-304-ID	supported by specification
FLIR FC-Series ID	FC-305-ID	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR FC-Series S	FC-309	supported by specification
FLIR FC-Series ID	FC-309-ID	supported by specification
FLIR FC-Series S	FC-313	supported by specification
FLIR FC-Series ID	FC-317-ID	supported by specification
FLIR FC-Series S	FC-324	supported by specification
FLIR FC-Series ID	FC-324-ID	supported by specification
FLIR FC-Series R	FC-324R	supported by specification
FLIR FC-Series ID	FC-332-ID	supported by specification
FLIR FC-Series S	FC-334	supported by specification
FLIR FC-Series R	FC-334R	supported by specification
FLIR FC-Series ID	FC-344-ID	supported by specification
FLIR FC-Series S	FC-348	supported by specification
FLIR FC-Series S	FC-363	supported by specification
FLIR FC-Series ID	FC-608-ID	supported by specification
FLIR FC-Series ID	FC-610-ID	supported by specification
FLIR FC-Series ID	FC-617-ID	supported by specification
FLIR FC-Series S	FC-618	supported by specification
FLIR FC-Series S	FC-632	supported by specification
FLIR FC-Series ID	FC-632-ID	supported by specification
FLIR FC-Series R	FC-632R	supported by specification
FLIR FC-Series ID	FC-644-ID	supported by specification
FLIR FC-Series S	FC-645	supported by specification
FLIR FC-Series R	FC-645R	supported by specification
FLIR FC-Series S	FC-669	supported by specification
FLIR FC-Series S	FC-690	supported by specification
FLIR PT-Series	PT-112	supported by specification
FLIR PT-Series	PT-117	supported by specification
FLIR PT-Series	PT-124	supported by specification
FLIR PT-Series	PT-304	supported by specification
FLIR PT-Series	PT-307	supported by specification
FLIR PT-Series	PT-313	supported by specification
FLIR PT-Series	PT-324	supported by specification
FLIR PT-Series	PT-334	supported by specification
FLIR PT-Series	PT-348	tested by partner
FLIR PT-602CZ	PT-602CZ	supported by specification
FLIR PT-Series HD	PT-602CZ HD	supported by specification
FLIR PT-Series	PT-606	tested by partner
FLIR PT-Series HD	PT-606Z HD	supported by specification
FLIR PT-Series HD	PT-608 HD	supported by specification
FLIR PT-Series	PT-610	supported by specification
FLIR PT-Series	PT-612	supported by specification
FLIR PT-Series HD	PT-612 HD	supported by specification
FLIR PT-Series HD	PT-617 HD	supported by specification
FLIR PT-Series	PT-618	supported by specification
FLIR PT-Series	PT-625	supported by specification
FLIR PT-Series HD	PT-625 HD	supported by specification
FLIR PT-Series HD	PT-644 HD	supported by specification
FLIR PT-Series	PT-645	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4325BN	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4325BNP	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
FLIR TCX Thermal PTZ Camera	T4325ZS	supported by specification
FLIR TCX Thermal PTZ Camera	T4325ZSP	supported by specification
FLIR TCX Thermal PTZ Camera	T4332ZU	supported by specification
FLIR TCX Thermal PTZ Camera	T4332ZUP	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4350BN	supported by specification
FLIR TCX Thermal Mini Bullet Camera	T4350BNP	supported by specification

## Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Grandstream Encoder	GXV3500	ver.1.0.1.60
Grandstream Encoder	GXV3501	supported by specification
Grandstream Encoder	GXV3504	supported by specification
Grandstream Fixed Box Camera	GXV3601_HD	supported by specification
Grandstream Fixed Box Camera	GXV3601_LL	supported by specification
Grandstream Fixed Box Camera	GXV3601_N	ver.1.0.3.9
Grandstream Fixed Dome Camera	GXV3610_FHD	supported by specification
Grandstream Fixed Dome Camera	GXV3610_HD	supported by specification
Grandstream Fixed Dome Camera	GXV3611_HD	ver.1.0.4.34
Grandstream Fixed Dome Camera	GXV3611_LL	supported by specification
Grandstream Fixed Dome Camera	GXV3611_HD	supported by specification
Grandstream Fixed Box Camera	GXV3615	supported by specification
Grandstream Fixed Box Camera	GXV3615W	supported by specification
Grandstream Fixed Box Camera	GXV3615WP_HD	ver.1.0.1.60
Grandstream Fixed Box Camera	GXV3651_FHD	supported by specification
Grandstream Fixed Dome Camera	GXV3662_FHD	supported by specification
Grandstream Fixed Dome Camera	GXV3662	supported by specification
Grandstream Fixed Bullet Camera	GXV3672_FHD	supported by specification
Grandstream Fixed Bullet Camera	GXV3672_FHD_36	supported by specification
Grandstream Fixed Bullet Camera	GXV3672_HD	supported by specification
Grandstream Fixed Bullet Camera	GXV3672_HD_36	supported by specification
Grandstream Fixed Box Camera	GXV3674_VF_FHD	supported by specification
Grandstream Fixed Box Camera	GXV3674_VF_HD	supported by specification

### Preferred Integration Protocol: SUNAPI 2 (native Hanwha Techwin protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Samsung embedded analytic detectors, ISS SecurOS Auto LP-Capture

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Wisenet P Series	PND-9080R	ver.1.00_160620
Samsung Wisenet P Series	PNF-9010R	ver.1.00_160831
Samsung Wisenet P Series	PNF-9010RV	ver.1.00_160831
Samsung Wisenet P Series	PNF-9010RVM	ver.1.00_160831
Samsung Wisenet P Series	PNM-9020V	ver.1.01_161214
Samsung Wisenet P Series	PNM-9080VQ	supported by specification
Samsung Wisenet P Series	PNM-9081VQ	supported by specification
Samsung Wisenet P Series	PNO-9080R	ver.1.00_160620
Samsung Wisenet P Series	PNP-9200RH	ver.1.01_161129
Samsung Wisenet P Series	PNV-9080R	ver.1.00_160620
Samsung Wisenet Q Series	QND-6010R	ver.1.00_160702
Samsung Wisenet Q Series	QND-6020R	ver.1.00_160702
Samsung Wisenet Q Series	QND-6030R	ver.1.00_160702
Samsung Wisenet Q Series	QND-6070R	ver.1.00_160804
Samsung Wisenet Q Series	QND-7010R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QND-7080R	ver.1.01_160819
Samsung Wisenet Q Series	QNO-6010R	ver.1.00_160702
Samsung Wisenet Q Series	QNO-6020R	ver.1.00_160702
Samsung Wisenet Q Series	QNO-6030R	ver.1.00_160702
Samsung Wisenet Q Series	QNO-6070R	ver.1.00_160804
Samsung Wisenet Q Series	QNO-7010R	ver.1.01_160620
Samsung Wisenet Q Series	QNO-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QNO-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QNO-7080R	ver.1.01_160819
Samsung Wisenet Q Series	QNV-6010R	ver.1.00_160702
Samsung Wisenet Q Series	QNV-6020R	ver.1.00_160702
Samsung Wisenet Q Series	QNV-6030R	ver.1.00_160702
Samsung Wisenet Q Series	QNV-6070R	ver.1.00_160804
Samsung Wisenet Q Series	QNV-7010R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7020R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7030R	ver.1.01_160620
Samsung Wisenet Q Series	QNV-7080R	ver.1.01_160819
Samsung Box Camera	SNB-1000	ver.2.24_140701
Samsung Box Camera	SNB-1001	ver.2.24_140701
Samsung Box Camera	SNB-2000	ver.2.42_130107
Samsung Box Camera	SNB-3000	ver.2.42_130107
Samsung Box Camera	SNB-3002	ver.2.24_140701
Samsung Box Camera	SNB-5000	ver.3.24_140701
Samsung Box Camera	SNB-5000A	ver.3.24_140701
Samsung Box Camera	SNB-5001	ver.1.24_140701
Samsung Box Camera	SNB-5003	ver.3.00_140903
Samsung Box Camera	SNB-5004	ver.3.00_140903
Samsung Box Camera	SNB-6003	ver.3.01_140804
Samsung Box Camera	SNB-6004	ver.3.01_140804
Samsung Box Camera	SNB-6004F	ver.1.00_151022
Samsung Box Camera	SNB-6005	ver.1.00_150723
Samsung Box Camera	SNB-6010	ver.3.03_160608
Samsung Box Camera	SNB-6010B	ver.1.00_160321
Samsung Box Camera	SNB-6011	ver.1.00_150225

**Preferred Integration Protocol: SUNAPI 2** (native Hanwha Techwin protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Samsung embedded analytic detectors, ISS SecurOS Auto LP-Capture

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Box Camera	SNB-6011B	ver.1.00_160321
Samsung Box Camera	SNB-7000	ver.2.24_140701
Samsung Box Camera	SNB-7001	ver.1.24_140701
Samsung Box Camera	SNB-7002	ver.1.24_140701
Samsung Box Camera	SNB-7004	ver.3.00_140915
Samsung Box Camera	SNB-8000	ver.1.00_140823
Samsung Box Camera	SNB-9000	ver.1.03_160215
Samsung Fixed Dome Camera	SND-1011	ver.2.24_140701
Samsung Fixed Dome Camera	SND-1080	ver.2.24_140701
Samsung Fixed Dome Camera	SND-3080	supported by specification
Samsung Fixed Dome Camera	SND-3080C	ver.2.42_130409
Samsung Fixed Dome Camera	SND-3082	ver.2.24_140701
Samsung Fixed Dome Camera	SND-5010	ver.1.24_140701
Samsung Fixed Dome Camera	SND-5011	ver.1.24_140701
Samsung Fixed Dome Camera	SND-5061	ver.1.24_140701
Samsung Fixed Dome Camera	SND-5080	ver.3.24_140701
Samsung Fixed Dome Camera	SND-5083	ver.3.00_140903
Samsung Fixed Dome Camera	SND-5084	ver.3.00_140903
Samsung Fixed Dome Camera	SND-5084R	ver.1.00_140603
Samsung Fixed Dome Camera	SND-6011R	ver.3.00_141008
Samsung Fixed Dome Camera	SND-6083	ver.3.01_140804
Samsung Fixed Dome Camera	SND-6084	ver.3.01_140804
Samsung Fixed Dome Camera	SND-6084R	ver.3.01_140804
Samsung Fixed Dome Camera	SND-7011	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7061	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7080	ver.2.24_140701
Samsung Fixed Dome Camera	SND-7082	ver.1.24_140701
Samsung Fixed Dome Camera	SND-7084	ver.3.00_140915
Samsung Fixed Dome Camera	SND-7084R	ver.3.00_140915
Samsung Fixed Dome Camera	SND-L5013	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L5083R	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6012	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6013	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6013R	ver.1.00_150403
Samsung Fixed Dome Camera	SND-L6083R	ver.1.00_150403
Samsunn Fisheye Camera	SNF-7010	ver.3.00_141007
Samsunn Fisheye Camera	SNF-7010V	ver.3.00_141007
Samsunn Fisheye Camera	SNF-7010VM	ver.3.00_141007
Samsunn Fisheye Camera	SNF-8010	ver.1.00_140823
Samsunn Fisheye Camera	SNF-8010VM	ver.1.00_140823
Samsung Bullet Camera	SNO-1080R	ver.2.24_140701
Samsung Bullet Camera	SNO-5080R	ver.1.00_140827
Samsung Bullet Camera	SNO-5084R	ver.1.00_140827
Samsung Bullet Camera	SNO-6011R	ver.3.00_141008
Samsung Bullet Camera	SNO-6084R	ver.3.01_140804
Samsung Bullet Camera	SNO-7080R	ver.2.24_140701
Samsung Bullet Camera	SNO-7082R	ver.1.24_140701
Samsung Bullet Camera	SNO-7084R	ver.3.00_140915
Samsung Bullet Camera	SNO-8081R	ver.1.00_151020
Samsung WiseNet Lite Camera	SNO-L5083R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNO-L6013R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNO-L6083R	ver.1.00_150403

**Preferred Integration Protocol: SUNAPI 2** (native Hanwha Techwin protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Samsung embedded analytic detectors, ISS SecurOS Auto LP-Capture

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung PTZ Dome Camera	SNP-3120	ver.3.03_150128
Samsung PTZ Dome Camera	SNP-3120V	ver.3.03_150128
Samsung PTZ Dome Camera	SNP-3120VH	ver.3.03_150128
Samsung PTZ Dome Camera	SNP-3302	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3302H	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371H	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3371TH	ver.2.22_141105
Samsung PTZ Dome Camera	SNP-3430H	supported by specification
Samsung PTZ Dome Camera	SNP-5200	ver.2.23_141105
Samsung PTZ Dome Camera	SNP-5200H	ver.2.23_141105
Samsung PTZ Dome Camera	SNP-5300	ver.1.23_141105
Samsung PTZ Dome Camera	SNP-5300H	ver.1.23_141105
Samsung PTZ Dome Camera	SNP-5321	ver.1.00_150223
Samsung PTZ Dome Camera	SNP-5321H	ver.1.00_150223
Samsung PTZ Dome Camera	SNP-5430	ver.1.00_140804
Samsung PTZ Dome Camera	SNP-5430H	ver.1.00_140804
Samsung PTZ Dome Camera	SNP-6200	ver.3.04_160810
Samsung PTZ Dome Camera	SNP-6200H	ver.3.04_160810
Samsung PTZ Dome Camera	SNP-6200RH	ver.3.03_141124
Samsung PTZ Dome Camera	SNP-6201	ver.3.05_160725
Samsung PTZ Dome Camera	SNP-6201H	ver.3.05_160725
Samsung PTZ Dome Camera	SNP-6230RH	ver.1.02_151204
Samsung PTZ Dome Camera	SNP-6320	ver.1.01_141007
Samsung PTZ Dome Camera	SNP-6320H	ver.1.01_141007
Samsung PTZ Dome Camera	SNP-6320RH	ver.1.01_150213
Samsung PTZ Dome Camera	SNP-6321	ver.1.00_141101
Samsung PTZ Dome Camera	SNP-6321H	ver.1.00_141101
Samsung WiseNet Lite PTZ series	SNP-L5233	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L5233H	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233H	supported by specification
Samsung WiseNet Lite PTZ series	SNP-L6233RH	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-1080	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-1080R	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-3080	supported by specification
Samsung Vandal-Resistant Dome Camera	SNV-3082	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-3120	ver.1.26_130903
Samsung Vandal-Resistant Dome Camera	SNV-5010	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5080	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5080R	ver.3.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-5084	ver.3.00_140903
Samsung Vandal-Resistant Dome Camera	SNV-5084R	ver.1.00_140827
Samsung Vandal-Resistant Dome Camera	SNV-6012M	ver.3.00_141106
Samsung Vandal-Resistant Dome Camera	SNV-6013	ver.3.00_141101
Samsung Vandal-Resistant Dome Camera	SNV-6084	ver.3.00_141106
Samsung Vandal-Resistant Dome Camera	SNV-6084R	ver.3.01_140804
Samsung Vandal-Resistant Dome Camera	SNV-6085R	ver.1.01_160205
Samsung Vandal-Resistant Dome Camera	SNV-7080	ver.2.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-7080R	ver.2.24_140701

**Preferred Integration Protocol: SUNAPI 2** (native Hanwha Techwin protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Samsung embedded analytic detectors, ISS SecurOS Auto LP-Capture

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung Vandal-Resistant Dome Camera	SNV-7082	ver.1.24_140701
Samsung Vandal-Resistant Dome Camera	SNV-7084	ver.3.00_140915
Samsung Vandal-Resistant Dome Camera	SNV-7084R	ver.3.00_140915
Samsung Vandal-Resistant Dome Camera	SNV-8080	ver.1.00_140823
Samsung Vandal-Resistant Dome Camera	SNV-8081R	supported by specification
Samsung WiseNet Lite Camera	SNV-L5083R	ver.1.00_150403
Samsung WiseNet Lite Camera	SNV-L6013R	supported by specification
Samsung WiseNet Lite Camera	SNV-L6014RM	supported by specification
Samsung WiseNet Lite Camera	SNV-L6083R	ver.1.00_150403
Samsung Box Camera	SNZ-5200	ver.2.23_141105
Samsung Box Camera	SNZ-6320	ver.1.01_150224
Samsung Video Encoders	SPE-100	ver.2.34_140626
Samsung Video Encoders	SPE-101	ver.2.34_140626
Samsung Video Encoders	SPE-1600R	ver.2.34_140626
Samsung Video Encoders	SPE-400	ver.2.34_140626
Samsung Wisenet X Series	TNO-1050T	supported by specification
Samsung Wisenet X Series	XNB-6000	supported by specification
Samsung Wisenet X Series	XNB-6001	supported by specification
Samsung Wisenet X Series	XNB-6005	supported by specification
Samsung Wisenet X Series	XNB-8000	supported by specification
Samsung Wisenet X Series	XND-6010R	supported by specification
Samsung Wisenet X Series	XND-6011F	supported by specification
Samsung Wisenet X Series	XND-6020	supported by specification
Samsung Wisenet X Series	XND-6020R	ver.1.00_170304
Samsung Wisenet X Series	XND-6080	supported by specification
Samsung Wisenet X Series	XND-6080R	supported by specification
Samsung Wisenet X Series	XND-6080RV	supported by specification
Samsung Wisenet X Series	XND-6080V	supported by specification
Samsung Wisenet X Series	XND-6085	supported by specification
Samsung Wisenet X Series	XND-6085V	supported by specification
Samsung Wisenet X Series	XND-8020F	supported by specification
Samsung Wisenet X Series	XND-8020R	ver.1.00_170304
Samsung Wisenet X Series	XND-8030R	ver.1.00_170304
Samsung Wisenet X Series	XND-8040R	ver.1.00_170304
Samsung Wisenet X Series	XND-8080R	supported by specification
Samsung Wisenet X Series	XND-8080RV	supported by specification
Samsung Wisenet X Series	XNF-8010R	supported by specification
Samsung Wisenet X Series	XNF-8010RV	supported by specification
Samsung Wisenet X Series	XNF-8010RVM	supported by specification
Samsung Wisenet X Series	XNO-6010R	ver.1.00_170304
Samsung Wisenet X Series	XNO-6020R	ver.1.00_170304
Samsung Wisenet X Series	XNO-6080R	supported by specification
Samsung Wisenet X Series	XNO-6085R	supported by specification
Samsung Wisenet X Series	XNO-6120R	supported by specification
Samsung Wisenet X Series	XNO-8020R	ver.1.00_170304
Samsung Wisenet X Series	XNO-8030R	ver.1.00_170304



**Preferred Integration Protocol: SUNAPI 2 (native Hanwha Techwin protocol)**

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Analytics:** Native Samsung embedded analytic detectors, ISS SecurOS Auto LP-Capture

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Samsung Wisenet X Series	XNO-8040R	ver.1.00_170304
Samsung Wisenet X Series	XNO-8080R	supported by specification
Samsung Wisenet X Series	XNP-6040H	supported by specification
Samsung Wisenet X Series	XNP-6120H	supported by specification
Samsung Wisenet X Series	XNP-6370RH	supported by specification
Samsung Wisenet X Series	XNV-6010R	supported by specification
Samsung Wisenet X Series	XNV-6011	supported by specification
Samsung Wisenet X Series	XNV-6020	supported by specification
Samsung Wisenet X Series	XNV-6020R	ver.1.00_170304
Samsung Wisenet X Series	XNV-6080	supported by specification
Samsung Wisenet X Series	XNV-6080R	supported by specification
Samsung Wisenet X Series	XNV-6085	supported by specification
Samsung Wisenet X Series	XNV-6120	supported by specification
Samsung Wisenet X Series	XNV-6120R	supported by specification
Samsung Wisenet X Series	XNV-8020R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8030R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8040R	ver.1.00_170304
Samsung Wisenet X Series	XNV-8080R	supported by specification

### Preferred Integration Protocol: CGI (native Samsung protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Samsung PTZ Domes Camera	SNP-3370	ver.1.20_101006
Samsung PTZ Domes Camera	SNP-3370TH	ver.1.20_101006
Samsung PTZ Domes Camera	SNP-3301H	ver.1.20_101006
Samsung PTZ Domes Camera	SNP-3301	ver.1.20_101006

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Samsung Digital Video Recorders	SRD-1670DC	ver. 1_36_140127
Samsung Digital Video Recorders	SRD-870DC	ver. 1_36_140127

## Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD1002D-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1002-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1202D-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD1202-I3	supported by specification
Hikvision Fixed Dome Camera	DS-2CD1302D-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD1302-I	supported by specification
Hikvision Fixed Box Camera	DS-2CD1402FD-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2010-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2012-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2014WD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2020-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2022WD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2025FHWI-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2025FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032F-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032F-IW	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2032-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2035FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2042WD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2055FWD-I	supported by specification
Hikvision Fixed Mini-Bullet Camera	DS-2CD2085FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2110-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2112-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2114WD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2120-I	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD2122F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-ISB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2122FWD-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2125FHWI-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2125FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-ISW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132F-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2132-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2135FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-ISB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IW	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2142FWD-IWS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2152F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2155FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2185FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2210-15	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2212-15	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2220-15	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2232-15	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2310-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2312-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2320-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2322-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2322WD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2325FHWI-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2325FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2332-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2335FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2342WD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2352-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2355FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2385FWD-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2410F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2410F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2412F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2412F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2420F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2420F-IW	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Mini-Box Camera	DS-2CD2422F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2422F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2422FWD-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2432F-I	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2432F-IW	tested with FW 5.1.2
Hikvision Fixed Mini-Box Camera	DS-2CD2442FWD-IW	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2510F	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2510F (2mm)	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2512F-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2520F	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2520F (2mm)	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-ISB	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IW	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2522FWD-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2532F-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2532F-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-ISB	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IW	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2542FWD-IWS	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD2552F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2610F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2610F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2612F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2612F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2620F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2620F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-ISZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2622FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2632F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2632F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-ISZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2642FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2710F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2710F-IS	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD2712F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2712F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2720F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2720F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-ISZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2722FWD-IZSB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2732F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2732F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-ISZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2742FWD-IZSB	supported by specification
Hikvision Fixed Dome Camera	DS-2CD2752F-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD2810F	supported by specification
Hikvision Fixed Box Camera	DS-2CD2820F	supported by specification
Hikvision Fixed Box Camera	DS-2CD2822FB	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2935FWD-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2935FWD-IS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IW	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2942F-IWS	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2955FWD-I	supported by specification
Hikvision Mini Fisheye Camera	DS-2CD2955FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A10F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A10F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A20F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2A20F-IS	supported by specification
Hikvision Fixed Mini-Cube Camera	DS-2CD2C10F-I	supported by specification
Hikvision Fixed Mini-Cube Camera	DS-2CD2C10F-IW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2D14WD	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD2D14WD/M	supported by specification
Hikvision Recessed Mount Dome	DS-2CD2E10F	supported by specification
Hikvision Recessed Mount Dome	DS-2CD2E20F	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-ISZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IWSZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IWZ	supported by specification
Hikvision Dome Camera	DS-2CD2F12F-IZ	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-I	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-IS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F22FWD-IW	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Mini PT Camera	DS-2CD2F22FWD-IWS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-I	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IS	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IW	supported by specification
Hikvision Mini PT Camera	DS-2CD2F42FWD-IWS	supported by specification
Hikvision PT camera	DS-2CD2Q10FD-IW	supported by specification
Hikvision PT camera	DS-2CD2Q10F-I	supported by specification
Hikvision PT camera	DS-2CD2Q10F-IW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T10-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T12-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T20-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T20-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T20-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T22WD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FHWI-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FHWI-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T25FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T32-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T35FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T35FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T42WD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T52-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T55FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T55FWD-I8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T85FWD-I5	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD2T85FWD-I8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD3722FWBD-KM	supported by specification
Hikvision Fixed Box Camera	DS-2CD4010F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4010FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012F-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4012FWD-AW	supported by specification



### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD4012FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4020F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4020FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024F-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4024FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4025FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026EFWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4026FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4032FWD-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4035FWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4065F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4085F-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD40C5F-P	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4110F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4110FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4112FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4112FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4120F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4120FWD-IZ	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD4124F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4124FWD-Z	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4125FWD-Z	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4126EFWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4126FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4132FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4132FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4135FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4165F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4185F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD41C5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZH8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4212FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4224FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZH8	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4232FWD-IZS	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD4312F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4312FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-HIS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4324FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZHS8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4332FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-I	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IM	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4524FWD-IZM	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZH (2mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZH (8mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4525FWD-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4526FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4526FWD-IZH	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Dome Camera	DS-2CD4535F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535F-IZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH (2mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH (8mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4535FWD-IZH8	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4565F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4565F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4585F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4585F-IZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD45C5F-IZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD45C5F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4612FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4624FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4625FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4626FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4635FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4665F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4685F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZH	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD46C5F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A10FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A20FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A24FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A24FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZH(8)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A25FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A26FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZHS (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A35FWD-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZH	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A65F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4A85F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZH	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4AC5F-IZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B16FWD-IZS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B26FWD-IZS (2mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD4B36FWD-IZS (2mm)	supported by specification
Hikvision Fixed Box Camera	DS-2CD4C26FWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD4C36FWD-AP	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D16FWD-IZS (2mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D26FWD-IZS (2mm)	supported by specification
Hikvision Fixed Dome Camera	DS-2CD4D36FWD-IZS (2mm)	supported by specification
Hikvision Fixed Box Camera	DS-2CD5026FQWD-HR	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A26FWBD-KM (8mm)	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD5A35FWBD-KM (8mm)	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-A	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-A11	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-A3	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-A7	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-AP	supported by specification
Hikvision Fixed Box Camera	DS-2CD6026FHWD-P	supported by specification
Hikvision Fixed Box Camera	DS-2CD6213F	supported by specification
Hikvision Fixed Box Camera	DS-2CD6223F	supported by specification
Hikvision Fixed Box Camera	DS-2CD6223FH	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZ	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZH	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZHS	supported by specification
Hikvision Fixed Box Camera	DS-2CD6226FWD-IZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD6233F	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-I	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD6332FWD-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-I	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD6362F-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-I	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IV	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IVS	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IW	supported by specification
Hikvision Fisheye Camera	DS-2CD63C2F-IWS	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Covert Camera	DS-2CD6412FWD	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-10	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-20	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6412FWD-30	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6424FWD	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6424FWD-20/E	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6426F-50 (2m)	supported by specification
Hikvision Fixed Covert Camera	DS-2CD6426F-50 (8m)	supported by specification
Hikvision Mobile Camera	DS-2CD6510-I	supported by specification
Hikvision Mobile Camera	DS-2CD6510-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6510D-I	supported by specification
Hikvision Mobile Camera	DS-2CD6510D-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6510DT-I	supported by specification
Hikvision Mobile Camera	DS-2CD6510DT-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520D-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520D-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520DT-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520DT-IO	supported by specification
Hikvision Mobile Camera	DS-2CD6520ET-I	supported by specification
Hikvision Mobile Camera	DS-2CD6520ET-IO	supported by specification
Hikvision Fisheye Camera	DS-2CD6562PT	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B-IZHS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626BS-R	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B/E-HIRA	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD6626B/E-HIR5	supported by specification
Hikvision Fixed Dome Camera	DS-2CD6626DS-IZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD6986F-H	supported by specification
Hikvision Fixed Angle Camera	DS-2CD6W32FWD-IVS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD702NF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD702PF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD712NF-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD712PF-E	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD7133-E	tested by partner
Hikvision Fixed Mini-Dome Camera	DS-2CD7153-E	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2CD7164-E	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EIZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EIZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EIZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EIZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7233F-EZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7253F-EIZ	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7253F-EIZH	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7253F-EIZHS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7253F-EIZS	supported by specification
Hikvision Fixed Dome Camera	DS-2CD7253F-EZ	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD7253F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7253F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7254F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7255F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263NF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7263PF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7264FWD-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7283F-EZHS	supported by specification



### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD7283F-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293NFWF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EIZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EIZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EIZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EZH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EZHS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7293PFWF-EZS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD733F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7353F-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NF-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFWF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFWF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFWF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393NFWF-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PF-ES	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWF-EIS	supported by specification
HIKvision Fixed Dome Camera	DS-2CD7393PFWF-ES	supported by specification
HIKvision Fixed Mini-Dome Camera	DS-2CD752MF-E	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD752MF-FB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-FBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-IFB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD752MF-IFBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD753F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-E	tested by partner
HIKvision Fixed Dome Camera	DS-2CD754F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD754FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD755F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-FB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-FBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-IFB	supported by specification
HIKvision Fixed Dome Camera	DS-2CD762MF-IFBH	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763NF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD763PF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD764FWD-EIZ	tested with FW 5.0.8
HIKvision Fixed Dome Camera	DS-2CD764FWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD783F-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD792NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD792PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NF-EZ	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HIKvision Fixed Dome Camera	DS-2CD793NFWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793NFWD-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PF-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PF-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PF-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PF-EZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PFWD-E	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PFWD-EI	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PFWD-EIZ	supported by specification
HIKvision Fixed Dome Camera	DS-2CD793PFWD-EZ	supported by specification
Hikvision Fixed Box Camera	DS-2CD802NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD802NF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD802PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD802PF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD802P-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD812NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD812NF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD812PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD812PF-W	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR1	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD812P-IR5	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-E	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-EI	tested by partner
Hikvision Fixed Mini-Box Camera	DS-2CD8133F-EW	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-E	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-EI	supported by specification
Hikvision Fixed Mini-Box Camera	DS-2CD8153F-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8233F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-E	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIS	tested with FW 4.0.1
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8253F-ES	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-E	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EI	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8254F-ES	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8255F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264F-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8264FWD-EIZS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EI	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIS	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIZ	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD8283F-EIZS	supported by specification
Hikvision Fixed Box Camera	DS-2CD832F	supported by specification
Hikvision Fixed Box Camera	DS-2CD832F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD833F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD833F-EW	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8433F-EI	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8433F-EIW	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8464F-EI	supported by specification
Hikvision Fixed Cube Camera	DS-2CD8464F-EIW	supported by specification
Hikvision Fixed Box Camera	DS-2CD853F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD853F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD854F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD854F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD854FWD-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD854FWD-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD855-EI3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD855-EI5	supported by specification
Hikvision Fixed Box Camera	DS-2CD855F-E	FW 5.1.0
Hikvision Fixed Box Camera	DS-2CD855F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD863NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD863NF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD863PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD863PF-EW	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD864-EI3	supported by specification
Hikvision Fixed Bullet Camera	DS-2CD864-EI5	supported by specification
Hikvision Fixed Box Camera	DS-2CD864F-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD864F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD864FWD-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD864FWD-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD876BF	supported by specification
Hikvision Fixed Box Camera	DS-2CD876MF	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Box Camera	DS-2CD883F-E	tested by partner
Hikvision Fixed Box Camera	DS-2CD883F-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD892NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD892NF-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR1	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR3	supported by specification
Hikvision Fixed Box Camera	DS-2CD892N-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD892PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD892PF-W	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR1	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR3	supported by specification
Hikvision Fixed Box Camera	DS-2CD892P-IR5	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NFW-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893NFW-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PF-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PF-EW	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PFW-E	supported by specification
Hikvision Fixed Box Camera	DS-2CD893PFW-EW	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103-DE3/W	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103I-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2103I-DE3/W	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202-DE3/W	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202I-DE3	supported by specification
Hikvision Fixed Dome Camera	DS-2DE2202I-DE3/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DE2204IW-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE3204W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE3304W-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4120I-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4172-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4182-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4182-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220-DE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220IW-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4220W-AE3	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DE4A220IW-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4572-DE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4582-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE4582-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5120I-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5130W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5174-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5176-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5184-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5186-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220I-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5220W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5230W-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE5230W-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7130IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7174-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7174-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7176-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7176-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7184-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7184-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7186-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7186-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7220IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7230IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7420IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7430IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DE7530IW-AE	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-401H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-502	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-503-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-504	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-505-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-506	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF1-507-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-508	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-512	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-513-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-514	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-515-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-516	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-517-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-518	tested with FW 3.1.0
Hikvision PTZ Speed Camera	DS-2DF1-532	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-533-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-534	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-535-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-536	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-537-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-538	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-5702	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-572	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-5732	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-601H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-602H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-603H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-604H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-605H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-606H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-607H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-608H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-611H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-612H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-613H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-614H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-615H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-616H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-617H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-618H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-672	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-713-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-715-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF1-717-B	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5220S-DE4/W	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-AE4	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF5264N-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5264N-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-A4	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5268N-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5272-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274C-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5274-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5275-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5275-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AE3	tested with FW 5.1.5
Hikvision PTZ Speed Camera	DS-2DF5276-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276C-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5276-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF527A-D	supported by specification



### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF527A-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5283-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5284-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-A3H	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5285-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-A3F	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AE3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5286-D3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5294-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF5296-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6223-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6230-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6236-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6236V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6330V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6336V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF6836V-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7130I3-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7130I5-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I3-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I5-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7230I5-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264-D	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF7264N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7264N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268N-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7268N-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7272-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7272-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7274-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7275-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AH	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276C-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276C-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7276-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-A3	supported by specification
Hikvision PTZ Speed Camera	DS-2DF727A-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7283-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7284-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7285-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AF	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-AW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7286-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7294-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7294-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7296-A	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7296-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DF7730I5-AEL/KM	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223I-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223I-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223IN-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8223IW-AEL	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision PTZ Speed Camera	DS-2DF8230IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236I5W-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8236IW-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8330IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8336IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8336IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836I5V-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IV-AEL	supported by specification
Hikvision PTZ Speed Camera	DS-2DF8836IV-AELW	supported by specification
Hikvision PTZ Speed Camera	DS-2DF9223I-HR	supported by specification
Hikvision PTZ Speed Camera	DS-2DP0818Z-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DP1636-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DP1636Z-D	supported by specification
Hikvision PTZ Speed Camera	DS-2DT6223-AELY	supported by specification
Hikvision PTZ system	DS-2DY3220IW-DE	supported by specification
Hikvision PTZ system	DS-2DY3220IW-DE4	supported by specification
Hikvision PTZ system	DS-2DY5223IW-AE	supported by specification
Hikvision PTZ system	DS-2DY5223IW-DM	supported by specification
Hikvision PTZ system	DS-2DY9185-A	supported by specification
Hikvision PTZ system	DS-2DY9185-AI2	supported by specification
Hikvision PTZ system	DS-2DY9187-AI8	supported by specification
Hikvision PTZ system	DS-2DY9187-AIA	supported by specification
Hikvision PTZ system	DS-2DY9188-A	supported by specification
Hikvision PTZ system	DS-2DY9188-AI2	supported by specification
Hikvision PTZ system	DS-2DY9188-AIA	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-10	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2136-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2160-35/KM	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-15	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2166-35	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2235D-25	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2235D-50	supported by specification
Hikvision Thermal Bullet Camera	DS-2TD2715-KM	supported by specification
Hikvision Thermal PTZ Speed Camera	DS-2TD4035D-25	supported by specification
Hikvision Thermal PTZ Speed Camera	DS-2TD4035D-50	supported by specification
Hikvision Thermal PTZ system	DS-2TD6130-75/KM	supported by specification
Hikvision Thermal PTZ system	DS-2TD6135-50B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6135-75B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6160-75/KM	supported by specification
Hikvision Thermal PTZ system	DS-2TD6166-50B2L	supported by specification
Hikvision Thermal PTZ system	DS-2TD6166-75B2L	supported by specification
Hikvision Fixed Dome Camera	DS-2XC6122FDW-IS	supported by specification
Hikvision Fixed Dome Camera	DS-2XC6142FDW-IS	supported by specification

### Integration Protocol: ISAPI (native protocol)

**Video:** All channels available in device; up to 3 streams; H.265, H.264, MJPEG codecs

**Audio:** All channels available in device; Microphone (audio-in); G.711 codec

**EdgeStorage:** EdgeStorage Sync.

**Controls:** Pan, Tilt, Zoom; Presets (read); Tours (read); Sensors (inputs); Relays (outputs)

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Hikvision Fixed Mini-Dome Camera	DS-2XM6112FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6112FWD-IM	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6122FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6122FWD-IM	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6612FWD-I	supported by specification
Hikvision Fixed Mini-Dome Camera	DS-2XM6622FWD-I	supported by specification
Hikvision Fixed Bullet Camera	DS-2ZCN2312	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD/B	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD/F	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD-A/B	supported by specification
Hikvision Smart Camera	iDS-2CD6024FWD-A/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/B	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/C	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-I/H	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/B	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/C	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/F	supported by specification
Hikvision Smart Camera	iDS-2CD6124FWD-IZ/H	supported by specification
Hikvision Smart Camera	iDS-2CD6233F/F	supported by specification
Hikvision Smart Camera	iDS-2CD6412FWD/C	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Micro-Dome Camera	H2S1P6	supported by specification
Honeywell IP Micro-Dome Camera	H2S1P6X	supported by specification
Honeywell IP Micro-Dome Camera	H2S2P6	supported by specification
Honeywell IP Micro-Dome Camera	H2S2P6X	supported by specification
Honeywell IP Micro-Dome Camera	H2W2PRV3	supported by specification
Honeywell IP Micro-Dome Camera	H2W4PRV3	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F1	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F1X	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F2	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F3	supported by specification
Honeywell IP Mini-Dome Camera	H3D1F3X	supported by specification
Honeywell IP Mini-Dome Camera	H3D2F1	supported by specification
Honeywell IP Mini-Dome Camera	H3D2F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H3D2F2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D2SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D2SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D3S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D3S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D3SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D3SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D5S2	supported by specification
Honeywell IP Mini-Dome Camera	H3D5S2X	supported by specification
Honeywell IP Mini-Dome Camera	H3D5SR2	supported by specification
Honeywell IP Mini-Dome Camera	H3D5SR2X	supported by specification
Honeywell IP Mini-Dome Camera	H3S1P1	supported by specification
Honeywell IP Mini-Dome Camera	H3S1P1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H3SVP1	supported by specification
Honeywell IP Mini-Dome Camera	H3W1F1	supported by specification
Honeywell IP Mini-Dome Camera	H3W1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4D1F1	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4D1F2	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F3	supported by specification
Honeywell IP Mini-Dome Camera	H4D1F3X	supported by specification
Honeywell IP Mini-Dome Camera	H4D1FR1	supported by specification
Honeywell IP Mini-Dome Camera	H4D1FR1X	FW 41.1.0
Honeywell IP Mini-Dome Camera	H4D2S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D2S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D3PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4D3PRV3	supported by specification
Honeywell IP Mini-Dome Camera	H4D3S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D3S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D5S2	supported by specification
Honeywell IP Mini-Dome Camera	H4D5S2X	supported by specification
Honeywell IP Mini-Dome Camera	H4D8GR1	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP Mini-Dome Camera	H4S1P1	supported by specification
Honeywell IP Mini-Dome Camera	H4S1P1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4SVP1	supported by specification
Honeywell IP Mini-Dome Camera	H4W1F1	supported by specification
Honeywell IP Mini-Dome Camera	H4W1F1X	FW 40.0.6
Honeywell IP Mini-Dome Camera	H4W2PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4W4PRV2	supported by specification
Honeywell IP Mini-Dome Camera	H4W4PRV3	supported by specification
Honeywell IP Bullet Camera	HBD1PR1	supported by specification
Honeywell IP Bullet Camera	HBD2FR1	supported by specification
Honeywell IP Bullet Camera	HBD2FR1X	FW 41.2.0
Honeywell IP Bullet Camera	HBD2FR2	supported by specification
Honeywell IP Bullet Camera	HBD2FR2X	supported by specification
Honeywell IP Bullet Camera	HBD3PR1	supported by specification
Honeywell IP Bullet Camera	HBD3PR2	supported by specification
Honeywell IP Bullet Camera	HBD8GR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR1	supported by specification
Honeywell IP Bullet Camera	HBW2PR2	supported by specification
Honeywell IP Bullet Camera	HBW4PR1	supported by specification
Honeywell IP Bullet Camera	HBW4PR1	supported by specification
Honeywell IP Bullet Camera	HBW4PR2	supported by specification
Honeywell IP Box Camera	HCD1F	supported by specification
Honeywell IP Box Camera	HCD1FX	FW 40.0.6
Honeywell IP Box Camera	HCD2F	supported by specification
Honeywell IP Box Camera	HCD2FX	FW 40.0.6
Honeywell IP Box Camera	HCD3S2	supported by specification
Honeywell IP Box Camera	HCD3S2X	supported by specification
Honeywell IP Box Camera	HCD5S2	supported by specification
Honeywell IP Box Camera	HCD5S2X	supported by specification
Honeywell IP Box Camera	HCD8G	supported by specification
Honeywell IP Box Camera	HCW1F	supported by specification
Honeywell IP Box Camera	HCW1FX	supported by specification
Honeywell IP Box Camera	HCW2S2	supported by specification
Honeywell IP Box Camera	HCW2S2X	supported by specification
Honeywell IP PTZ Dome Camera	HDZ20HDX	FW H20120808NSA
Honeywell IP PTZ Dome Camera	HDZ22HD	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDEX	supported by specification
Honeywell IP PTZ Dome Camera	HDZ22HDIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302D	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302DE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302DIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302LIK	supported by specification
Honeywell IP PTZ Dome Camera	HDZ302LIW	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HD	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HDE	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30HDIN	supported by specification
Honeywell IP PTZ Dome Camera	HDZ30IN	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Honeywell IP PTZ Dome Camera	HDZ36E	supported by specification
Honeywell IP Ball Camera	HED1PR3	supported by specification
Honeywell IP Ball Camera	HED3PR3	supported by specification
Honeywell IP Ball Camera	HEW2PR1	supported by specification
Honeywell IP Ball Camera	HEW2PRW1	supported by specification
Honeywell IP Ball Camera	HEW2PRW2	supported by specification
Honeywell IP Ball Camera	HEW4PR3	supported by specification
Honeywell IP Ball Camera	HEW4PRW2	supported by specification
Honeywell IP Ball Camera	HEW4PRW3	supported by specification
Honeywell IP Height Strip Camera	HSW2G1	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Honeywell IP Box Camera	HCD554IP	supported by specification
Honeywell IP Box Camera	HCD5HIH	supported by specification
Honeywell IP Box Camera	HCD5HIHX	supported by specification
Honeywell IP Box Camera	HCD5MIH	supported by specification
Honeywell IP Box Camera	HCD5MIHX	supported by specification
Honeywell IP Box Camera	HCD5WIH	supported by specification
Honeywell IP Box Camera	HCD5WIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3HDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3HDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH01	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH01X	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH02	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIH02X	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIP	supported by specification
Honeywell IP Mini-Dome Camera	HD3MDIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD3MWIH	supported by specification
Honeywell IP Mini-Dome Camera	HD3MWIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD44IP	supported by specification
Honeywell IP Mini-Dome Camera	HD45IP	supported by specification
Honeywell IP Mini-Dome Camera	HD4DIP	supported by specification
Honeywell IP Mini-Dome Camera	HD4DIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD4HDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4HDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH01	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH01X	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH02	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIH02X	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIP	supported by specification
Honeywell IP Mini-Dome Camera	HD4MDIPX	supported by specification
Honeywell IP Mini-Dome Camera	HD4MWIH	supported by specification
Honeywell IP Mini-Dome Camera	HD4MWIHX	supported by specification
Honeywell IP Mini-Dome Camera	HD54IP	supported by specification
Honeywell IP Mini-Dome Camera	HD55IP	supported by specification
Honeywell IP Mini-Dome Camera	HD55IPX	supported by specification



### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device, up to 3 streams, H.265, H.264, MJPEG

**Audio:** All channels available in device, One-way (in), G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Huawei Network Box Camera	IPC6125-WDL-D	supported by specification
Huawei Network Box Camera	IPC6125-WDL-FA	supported by specification
Huawei Network Box Camera	IPC6125-WDL-P	supported by specification
Huawei Network Bullet Camera	IPC6211-VRZ	supported by specification
Huawei Network Bullet Camera	IPC6221-VRZ	supported by specification
Huawei Network Bullet Camera	IPC6221-VRZ-SP	supported by specification
Huawei Network Bullet Camera	IPC6224-IR	supported by specification
Huawei Network Bullet Camera	IPC6224-VRZ	supported by specification
Huawei Network Bullet Camera	IPC6225-VRZ	supported by specification
Huawei Network Bullet Camera	IPC6225-VRZ (7-22mm)	supported by specification
Huawei Network Bullet Camera	IPC6225-VRZ-ES	supported by specification
Huawei Network Bullet Camera	IPC6225-VRZ-SP	ver.IPC V200R002C00SPC200
Huawei Network Bullet Camera	IPC6284-VRZ	supported by specification
Huawei VP Mini-Dome Camera	IPC6324-MIF	supported by specification
Huawei VP Mini-Dome Camera	IPC6324-MIR	supported by specification
Huawei WDR Network Dome Camera	IPC6325-WD-VF	supported by specification
Huawei WDR Network Dome Camera	IPC6325-WD-VFZ	supported by specification
Huawei WDR Network Dome Camera	IPC6325-WD-VR	supported by specification
Huawei WDR Network Dome Camera	IPC6325-WD-VRZ	supported by specification
Huawei WDR Network Dome Camera	IPC6385-VRZ	supported by specification
Huawei High-Speed PTZ Dome Camera	IPC6525-Z30	supported by specification
Huawei High-Speed PTZ Dome Camera	IPC6525-Z30-S	supported by specification
Huawei High-Speed PTZ Dome Camera	IPC6625-Z30	ver.IPC V200R002C00SPC200
Huawei High-Speed PTZ Dome Camera	IPC6625-Z30-P	supported by specification
Huawei High-Speed PTZ Dome Camera	IPC6625-Z30-S	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HUNT Fixed Dome Camera	HLC-1JED	supported by specification
HUNT Fixed Box Camera	HLC-1NAD	supported by specification
HUNT Fixed Box Camera	HLC-1NAG	supported by specification
HUNT Fixed Dome Camera	HLC-1NED	supported by specification
HUNT Fixed Dome Camera	HLC-1NGDS	supported by specification
HUNT Fixed Dome Camera	HLC-1NHF	supported by specification
HUNT Fixed Dome Camera	HLC-1NHQ	supported by specification
HUNT Fixed Dome Camera	HLC-1NHU	supported by specification
HUNT Fixed Dome Camera	HLC-1NKF	supported by specification
HUNT Fixed Dome Camera	HLC-1NKQ	supported by specification
HUNT Fixed Dome Camera	HLC-2AHD	supported by specification
HUNT Cube Camera	HLC-3CHD	supported by specification
HUNT Fixed Bullet Camera	HLC-6AHD	supported by specification
HUNT Fixed Bullet Camera	HLC-6BHD	supported by specification
HUNT Fixed Bullet Camera	HLC-75ED	supported by specification
HUNT Fixed Bullet Camera	HLC-75HQ	supported by specification
HUNT Fixed Box Camera	HLC-79AD	tested by partner
HUNT Fixed Box Camera	HLC-79AG	supported by specification
HUNT Fixed Bullet Camera	HLC-79ED	supported by specification
HUNT Fixed Bullet Camera	HLC-79GDS	supported by specification
HUNT Fixed Bullet Camera	HLC-7BHF	supported by specification
HUNT Fixed Bullet Camera	HLC-7BHQ	supported by specification
HUNT Fixed Bullet Camera	HLC-7BHU	supported by specification
HUNT Fixed Bullet Camera	HLC-7BKF	supported by specification
HUNT Fixed Bullet Camera	HLC-7BKQ	supported by specification
HUNT Fixed Box Camera	HLC-7RAD	supported by specification
HUNT Fixed Box Camera	HLC-7RAG	supported by specification
HUNT Fixed Box Camera	HLC-81AD	supported by specification
HUNT Fixed Box Camera	HLC-81AG	supported by specification
HUNT Fixed Box Camera	HLC-81ED	supported by specification
HUNT Fixed Box Camera	HLC-81HQ	supported by specification
HUNT Fixed Box Camera	HLC-81HU	supported by specification
HUNT Fixed Box Camera	HLC-81JDS	supported by specification
HUNT Fixed Box Camera	HLC-81KF	supported by specification
HUNT Fixed Box Camera	HLC-81KQ	supported by specification
HUNT Fixed Box Camera	HLC-84AD	supported by specification
HUNT Fixed Box Camera	HLC-84AM	supported by specification
HUNT Fixed Box Camera	HLC-84AV	supported by specification
HUNT Cube Camera	HLC-84ED	supported by specification
HUNT Cube Camera	HLC-85ED	supported by specification
HUNT Fixed Dome Camera	HLV-1KED	supported by specification
HUNT Fixed Dome Camera	HLV-1SHQ	supported by specification
HUNT Fixed Box Camera	HLV-1WAD	supported by specification
HUNT Fixed Box Camera	HLV-1WAG	supported by specification
HUNT Fixed Dome Camera	HLV-1WED	supported by specification
HUNT Fixed Dome Camera	HLV-1WGDS	supported by specification
HUNT Fixed Dome Camera	HLV-1WHF	supported by specification
HUNT Fixed Dome Camera	HLV-1WHQ	supported by specification
HUNT Fixed Dome Camera	HLV-1WHU	supported by specification
HUNT Fixed Dome Camera	HLV-1WKF	supported by specification
HUNT Fixed Dome Camera	HLV-1WKF 3.5x	supported by specification
HUNT Fixed Dome Camera	HLV-1WKQ	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
HUNT Fixed Dome Camera	HLZ-1WED 4.2x	supported by specification
HUNT Fixed Dome Camera	HLZ-1WHQ 4.2x	supported by specification
HUNT Fixed Bullet Camera	HLZ-79ED(4.2x)	supported by specification
HUNT Fixed Bullet Camera	HLZ-79KQ(10x)	supported by specification
HUNT Fixed Bullet Camera	HLZ-7BHQ(4.2x)	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IDIS Network Box Camera	DC-B1101	ver.1.2.6
IDIS Network Box Camera	DC-B1103	ver.1.2.6
IDIS Network Box Camera	DC-B1203	ver.1.2.6
IDIS Network Box Camera	DC-B1203X	ver.1.2.0
IDIS Network Box Camera	DC-B1303	ver.1.1.3
IDIS Network Box Camera	DC-B1803	supported by specification
IDIS Network Box Camera	DC-B3303X	supported by specification
IDIS Network Compact Camera	DC-C3212R	supported by specification
IDIS Network Dome Camera	DC-D1111	ver.1.2.6
IDIS Network Dome Camera	DC-D1122	ver.1.2.6
IDIS Network Dome Camera	DC-D1122R	ver.1.2.6
IDIS Network Dome Camera	DC-D1122W	ver.1.2.6
IDIS Network Dome Camera	DC-D1122WR	ver.1.2.6
IDIS Network Dome Camera	DC-D1123	ver.1.2.6
IDIS Network Dome Camera	DC-D1123R	ver.1.2.6
IDIS Network Dome Camera	DC-D1123W	ver.1.2.6
IDIS Network Dome Camera	DC-D1123WHR	supported by specification
IDIS Network Dome Camera	DC-D1123WR	ver.1.2.6
IDIS Network Dome Camera	DC-D1212R	ver.1.2.6
IDIS Network Dome Camera	DC-D1223	ver.1.2.6
IDIS Network Dome Camera	DC-D1223F	ver.1.2.1
IDIS Network Dome Camera	DC-D1223FR	ver.1.2.1
IDIS Network Dome Camera	DC-D1223R	ver.1.2.6
IDIS Network Dome Camera	DC-D1223W	ver.1.2.4
IDIS Network Dome Camera	DC-D1223WHR	ver.1.2.6
IDIS Network Dome Camera	DC-D1223WR	ver.1.2.6
IDIS Network Dome Camera	DC-D1223WX	ver.1.2.0
IDIS Network Dome Camera	DC-D1323R	ver.1.1.3
IDIS Network Dome Camera	DC-D1323WHR	ver.1.1.3
IDIS Network Dome Camera	DC-D2212R	supported by specification
IDIS Network Dome Camera	DC-D2212WR	supported by specification
IDIS Network Dome Camera	DC-D2233	ver.1.2.6
IDIS Network Dome Camera	DC-D2233R	ver.1.2.6
IDIS Network Dome Camera	DC-D2233W	ver.1.2.6
IDIS Network Dome Camera	DC-D2233WHR	ver.1.2.6
IDIS Network Dome Camera	DC-D2233WHX	
IDIS Network Dome Camera	DC-D2233WR	ver.1.2.6
IDIS Network Dome Camera	DC-D2233WRX	supported by specification
IDIS Network Dome Camera	DC-D3212RX	supported by specification
IDIS Network Dome Camera	DC-D3212X	supported by specification
IDIS Network Dome Camera	DC-D3233HRX	supported by specification
IDIS Network Dome Camera	DC-D3233HRXL	supported by specification
IDIS Network Dome Camera	DC-D3233RX	supported by specification
IDIS Network Dome Camera	DC-D3233WRX	supported by specification
IDIS Network Dome Camera	DC-D3233WRX	supported by specification
IDIS Network Dome Camera	DC-D3233X	supported by specification
IDIS Network Dome Camera	DC-D3243HRX	supported by specification
IDIS Network Dome Camera	DC-D3243RX	supported by specification
IDIS Network Dome Camera	DC-D3243X	supported by specification
IDIS Network Dome Camera	DC-D3533HRX	supported by specification
IDIS Network Dome Camera	DC-D3533RX	supported by specification
IDIS Network Bullet Camera	DC-E1112WR	ver.1.4.2
IDIS Network Bullet Camera	DC-E1212WR	ver.1.4.2
IDIS Network Bullet Camera	DC-E3212WRX-3.3	supported by specification
IDIS Network Bullet Camera	DC-E3212WRX-6.0	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
IDIS Network Flat Dome Camera	DC-F1111A	ver. 1.2.2
IDIS Network Flat Dome Camera	DC-F1211	ver. 1.2.2
IDIS Network Flat Dome Camera	DC-F1211A	supported by specification
IDIS Network PTZ Camera	DC-S1163WH	ver. 1.4.5
IDIS Network PTZ Camera	DC-S1263F	ver. 1.4.5
IDIS Network PTZ Camera	DC-S1263WH	ver. 1.4.5
IDIS Network PTZ Camera	DC-S1283FX	supported by specification
IDIS Network PTZ Camera	DC-S1283WHX	supported by specification
IDIS Network PTZ Camera	DC-S3283FX	supported by specification
IDIS Network PTZ Camera	DC-S3283WHX	supported by specification
IDIS Network PTZ Camera	DC-S3583HRX	supported by specification
IDIS Network PTZ Camera	DC-S3883HRX	supported by specification
IDIS Network Bullet Camera	DC-T1232WR	ver. 1.2.0
IDIS Network Bullet Camera	DC-T1233WHR	ver. 1.2.0
IDIS Network Bullet Camera	DC-T1233WRX	supported by specification
IDIS Network Bullet Camera	DC-T1234WR	ver. 1.2.0
IDIS Network Bullet Camera	DC-T1244WR	supported by specification
IDIS Network Bullet Camera	DC-T1833WHR	supported by specification
IDIS Network Bullet Camera	DC-T3233HRX	supported by specification
IDIS Network Bullet Camera	DC-T3233HRXL	supported by specification
IDIS Network Bullet Camera	DC-T3234HRX	supported by specification
IDIS Network Bullet Camera	DC-T3243HRX	supported by specification
IDIS Network Bullet Camera	DC-T3533HRX	supported by specification
IDIS Network Bullet Camera	DC-T3C33HRX	supported by specification
IDIS Network Thermal Camera	DC-TH3113	supported by specification
IDIS Network Thermal Camera	DC-TH3213	supported by specification
IDIS Network Dome Camera	DC-V3213XJ	supported by specification
IDIS Network Fisheye Camera	DC-Y1514	supported by specification
IDIS Network Fisheye Camera	DC-Y1514W	supported by specification
IDIS Network Fisheye Camera	DC-Y3C14WRX	supported by specification
IDIS Network Zoom Camera	DC-Z1163	ver. 1.3.10
IDIS Network Zoom Camera	DC-Z1263	ver. 1.3.10

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Intellico Fixed IP Cameras	IL-IBH72DX	supported by specification
Intellico Fixed IP Cameras	IL-IBH72DX-P	supported by specification
Intellico Fixed IP Cameras	IL-IBH72DX-W	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX-P	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX-R	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX-RP	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX-W	supported by specification
Intellico Fixed IP Cameras	IL-IBH72MX-WR	supported by specification
Intellico Fixed IP Cameras	IL-IBH80MX	supported by specification
Intellico Fixed IP Cameras	IL-IBH80MX-P	supported by specification
Intellico Fixed IP Cameras	IL-IBS60DX	supported by specification
Intellico Fixed IP Cameras	IL-IBS60DX-P	supported by specification
Intellico Fixed IP Cameras	IL-IBS60DX-W	supported by specification
Intellico Fixed IP Cameras	IL-IBS60DX-G	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72DA-TC5	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72DA-WTC5	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-TCR5	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-WTCR5	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH80MA-TC5	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-TCR4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-TCRP4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-WTCR4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH80MA-TC4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS48DA-T4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS48DA-TP4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS48DA-WT4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DA-T4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DA-TP4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DA-WT4	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-TCR6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH72MA-WTCR6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBH80MA-TC6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS48DA-T6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS48DA-WT6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DA-T6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DA-WT6	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DN-T3	supported by specification
Intellico Fixed Integrated IP Cameras	IL-IBS60DN-WT3	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH72DX-V	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH72DX-VP	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH72MN-VCR1	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH72MN-VCRP1	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH72MN-WVCR1	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH80MN-VC1	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDH80MN-VCP1	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDS60DN-TV2	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDS60DN-TVP2	supported by specification
Intellico Vandal-proof Mini Dome IP Cameras	IL-IDS60DN-WTV2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZH72DX-CR	supported by specification
Intellico Speed Dome IP Cameras	IL-IZH80DX-CR	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS14DX-1	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS14DX-2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS14DX-3	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS14DX-4	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS15DX-1	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

- Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs
- Audio:** All channels available in device; One-way (in); G.711 codec
- PTZ:** Pan, Tilt, Zoom; Presets; Tour
- I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Intellico Speed Dome IP Cameras	IL-IZS15DX-2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS15DX-3	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS15DX-4	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS13DX-1	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS13DX-2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS13DX-3	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS13DX-4	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS13DX-6	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-1	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-3	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-4	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-W1	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-W2	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-W3	supported by specification
Intellico Speed Dome IP Cameras	IL-IZS12DX-W4	supported by specification
Intellico IP Positioning Systems	IL-IPS11DA-C2	supported by specification
Intellico IP Positioning Systems	IL-IPS11DA-C3	supported by specification
Intellico IP Positioning Systems	IL-IPS11DA-C4	supported by specification
Intellico Explosion-proof IP Enclosures	IL-EXEIS-C	supported by specification
Intellico Explosion-proof IP Enclosures	IL-EXEIS-CA	supported by specification
Intellico Explosion-proof Positioning Systems	IL-EXCIRS11-C10	supported by specification
Intellico Explosion-proof Positioning Systems	IL-EXCIRS11-CA10	supported by specification
Intellico Explosion-proof Positioning Systems	IL-EXCIRS9-C10	tested
Intellico Explosion-proof Positioning Systems	IL-EXCIRS9-CA10	supported by specification
Intellico Explosion-proof Positioning Systems	IL-EXCIRS14-C10	supported by specification
Intellico Explosion-proof Positioning Systems	IL-EXCIRS14-CA10	supported by specification

## Preferred Integration Protocol: CGI (native IOImage protocol)

**Video:** All channels available in device; 1 stream; MPEG-4 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
IOImage Encoder	ioibox trk1	ver.C
IOImage Encoder	ioibox trk10	ver.C
IOImage Encoder	ioibox trk10d	ver.C



## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).




Product Line	Model	Supported Firmware
IPTRONIC IP Camera	IPT-IPL1080BM(2,8-12)P	ver. 6.1.53.3
IPTRONIC IP Camera	IPT-IPL1080BM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DM(2,8)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DM(2,8-12)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DM(3,6)PA	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DP(2,8)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DP(2,8-12)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL1080DP(3,6)P	ver. 6.1.53.3
IPTRONIC IP Camera	IPT-IPL1536BM(2,8-12)P	ver. 7.1.1.2
IPTRONIC IP Camera	IPT-IPL1536BM(3,6)P	ver. 7.1.1.2
IPTRONIC IP Dome Camera	IPT-IPL1536DM(2,8)PM	ver. 7.1.1.2
IPTRONIC IP Dome Camera	IPT-IPL1536DM(2,8-12)P	ver. 7.1.1.2
IPTRONIC IP Dome Camera	IPT-IPL1536DM(3,6)P	ver. 7.1.1.2
IPTRONIC IP Dome Camera	IPT-IPL1536DM(6)PM	ver. 7.1.1.2
IPTRONIC IP Camera	IPT-IPL1920BM(3,6)P	ver. 6.1.25.3
IPTRONIC IP Dome Camera	IPT-IPL1920DM(3,6)P	ver. 6.1.25.4
IPTRONIC IP Camera	IPT-IPL720BM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL720DM(2,8)	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL720DM(2,8)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL720DM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL720DM(3,6)PA	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL720DP(2,8-12)	ver. 6.1.53.3
IPTRONIC IP Camera	IPT-IPL960BM(2,8-12)P	ver. 6.1.53.3
IPTRONIC IP Camera	IPT-IPL960BM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL960DM(2,8-12)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL960DM(3,6)A	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL960DM(3,6)P	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPT-IPL960DM(3,6)PA	ver. 6.1.53.3
IPTRONIC IP Camera	IPTS-IPL1080BM(3,6)PF	ver. 6.1.53.3
IPTRONIC IP Camera	IPTS-IPL1080DM(2,8-12)PAF	ver. 6.1.53.3
IPTRONIC IP Dome Camera	IPTS-IPL1536DM(3,6)PF	ver. 7.1.1.2
IPTRONIC IP Dome Camera	IPTS-IPL1920DM(3,6)PF	ver. 6.1.25.3
IPTRONIC IP PTZ Dome Camera	PT7B136S200/IPD-H21M05-BS	ver. 1.04.10-160617

## Preferred Integration Protocol: CGI (native IRZ protocol)





**Video:** 1 channel; 1 stream; MJPEG codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
IRZ High-definition camera	HD camera	ver.1.6.f

ISS	Realtime series		Accessory
Product	TVISS-8RT	TVISS-16RT	TVISS-4IO
Picture			
Video Inputs, BNC	8	16	n/a
Video ADC, bit	10		n/a
Codec Profile	DELTA-Wavelet (High compression, High quality, Standard), MJPEG		n/a
Video Format	PAL / NTSC		n/a
Video Resolution PAL	D1(720x576), 4CIF(704x576), 2CIF(704x288), CIF(352x288)		n/a
Video Resolution NTSC	D1(720x480), 4CIF(640x480), 2CIF(640x240), CIF(320x240)		n/a
Total speed of capture PAL in Real time, fps	200 (720x576) 200 (704x576) 200 (704x288) 200 (352x288)	400 (720x576) 400 (704x576) 400 (704x288) 400 (352x288)	n/a
Total speed of capture PAL in Multiplexing, fps	n/a	n/a	n/a
Total speed of capture NTSC in Real time, fps	240 (720x480) 240 (640x480) 240 (640x240) 240 (320x240)	480 (720x480) 480 (640x480) 480 (640x240) 480 (320x240)	n/a
Total speed of capture NTSC in Multiplexing, fps	n/a	n/a	n/a
Audio Input, RCA	8	16	n/a
Audio ADC, bits	16	16	n/a
Audio Frequency, kHz	8~48	8~48	n/a
Alarm Ports, input/output	8/8	8/8	4/4
WatchDog	yes	yes	n/a
Bus interface	PCI-Ex1	PCI-Ex4	n/a
Power	3.3V (530mA) and 12V (119mA)	3.3V (1580mA) and 12V (140mA)	5V (220mA)
Minimum System Power, W	3.0791	5.424	1.1308
Board Temperature, °C	65	65	-
Board Dimensions, mm	112x70	128x102	65x84

Compatible with operating systems: Windows 7 Service Pack 1 - 32-bit and 64-bit (Editions: Home Basic, Home Premium, Professional, Enterprise, Ultimate);  
Windows 8.1 — 32-bit and 64-bit (Editions: all);  
Windows Server 2008 R2 Service Pack 1 - 64-bit (Editions: Standard, Enterprise).

ISS	Multiplex series			Accessory
Product	TVISS-4MX1	TVISS-16MX4	TVISS-32MX8	TVISS-4IO
Picture				
Video Inputs, BNC	4	16	32	n/a
Video ADC, bit	10			n/a
Codec Profile	DELTA-Wavelet (High compression, High quality, Standard), MJPEG			n/a
Video Format	PAL / NTSC			n/a
Video Resolution PAL	D1(720x576), 4CIF(704x576), 2CIF(704x288), CIF(352x288)			n/a
Video Resolution NTSC	D1(720x480), 4CIF(640x480), 2CIF(640x240), CIF(320x240)			n/a
Total speed of capture PAL in Real time, fps	n/a	100 (720×576) 100 (704×576) 100 (704×288) 100 (352×288)	200 (720×576) 200 (704×576) 200 (704×288) 200 (352×288)	n/a
Total speed of capture PAL in Multiplexing, fps	16 (720×576) 16 (704×576) 25 (704×288) 25 (352×288)	66 (720×576) 66 (704×576) 100 (704×288) 100 (352×288)	132 (720×576) 132 (704×576) 200 (704×288) 200 (352×288)	n/a
Total speed of capture NTSC in Real time, fps	n/a	120 (720×480) 120 (640×480) 120 (640×240) 120 (320×240)	240 (720×480) 240 (640×480) 240 (640×240) 240 (320×240)	n/a
Total speed of capture NTSC in Multiplexing, fps	20 (720×480) 20 (640×480) 30 (640×240) 30 (320×240)	80 (720×480) 80 (640×480) 120 (640×240) 120 (320×240)	175 (720×480) 175 (640×480) 240 (640×240) 240 (320×240)	n/a
Audio Input, RCA	1	4	8	n/a
Audio ADC, bits	8~16	8~16	8~16	n/a
Audio Frequency, kHz	8~48	8~48	8~48	n/a
Alarm Ports, input/output	n/a	8/8	8/8	4/4
WatchDog	yes	yes	yes	n/a
Bus interface	PCI	PCI-E×1	PCI-E×1	n/a
Power	3.3V (70mA)	3.3V (910mA)	3.3V (1280mA)	5V (220mA)
Minimum System Power, W	0.23	2.8756	4.096	1.1308
Board Temperature, °C	40	40	50	-
Board Dimensions, mm	121×85	133×85	133×85	65×84

Compatible with operating systems: Windows 7 Service Pack 1 - 32-bit and 64-bit (Editions: Home Basic, Home Premium, Professional, Enterprise, Ultimate);  
 Windows 8.1 — 32-bit and 64-bit (Editions: all);  
 Windows Server 2008 R2 Service Pack 1 - 64-bit (Editions: Standard, Enterprise).

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
IQinVision Fixed Box Camera	IQ030SI	supported by specification
IQinVision Fixed Box Camera	IQ031SI	supported by specification
IQinVision Fixed Box Camera	IQ032SI	supported by specification
IQinVision Fixed Box Camera	IQ761NI	supported by specification
IQinVision Fixed Box Camera	IQ761WI	supported by specification
IQinVision Fixed Box Camera	IQ762NI	supported by specification
IQinVision Fixed Box Camera	IQ762WI	supported by specification
IQinVision Fixed Box Camera	IQ763NI	supported by specification
IQinVision Fixed Box Camera	IQ763WI	supported by specification
IQinVision Fixed Box Camera	IQ765NI	supported by specification
IQinVision Fixed Bullet Camera	IQ861NE	supported by specification
IQinVision Fixed Bullet Camera	IQ861WE	supported by specification
IQinVision Fixed Bullet Camera	IQ862NE	supported by specification
IQinVision Fixed Bullet Camera	IQ862WE	supported by specification
IQinVision Fixed Bullet Camera	IQ863NE	supported by specification
IQinVision Fixed Bullet Camera	IQ863WE	supported by specification
IQinVision Fixed Bullet Camera	IQ865NE	supported by specification
IQinVision Fixed Dome Camera	IQA30N	supported by specification
IQinVision Fixed Dome Camera	IQA31N	supported by specification
IQinVision Fixed Dome Camera	IQA31W	supported by specification
IQinVision Fixed Dome Camera	IQA32N	supported by specification
IQinVision Fixed Dome Camera	IQA32W	supported by specification
IQinVision Fixed Dome Camera	IQA33N	ver. 3.3/8
IQinVision Fixed Dome Camera	IQA33W	supported by specification
IQinVision Fixed Dome Camera	IQA35N	supported by specification
IQinVision Fixed Dome Camera	IQD30SV	supported by specification
IQinVision Fixed Dome Camera	IQD31SV	supported by specification
IQinVision Fixed Dome Camera	IQD32SV	supported by specification
IQinVision Fixed Dome Camera	IQM30NE-B5	supported by specification
IQinVision Fixed Dome Camera	IQM31NE-B5	supported by specification
IQinVision Fixed Dome Camera	IQM32NE-B5	ver. 3.4/2

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
J2000 Fixed Box Camera	J2000-B111-PDN	supported by specification
J2000 Fixed Box Camera	J2000-B112-PDN	supported by specification
J2000 Fixed Box Camera	J2000-B120-PDN	supported by specification
J2000 Fixed Box Camera	J2000-C110	supported by specification
J2000 Fixed Box Camera	J2000-C110-WF	supported by specification
J2000 Fixed Box Camera	J2000-C111	ver.1.0.28
J2000 Fixed Box Camera	J2000-C111-WF	supported by specification
J2000 Fixed Dome Camera	J2000-D111-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-D112-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV111-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV112-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV120-Ir1DN	supported by specification
J2000 Fixed Dome Camera	J2000-DWV121-Ir1DN	ver.1.6
J2000 Fixed Dome Camera	J2000-HDIP14Di20P (2,8-12)	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP14Pvi40P (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP24Di20A (2,8-12)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Di20P (2,8-12)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Di20PA (3,6)	ver.114
J2000 Fixed Dome Camera	J2000-HDIP24Dpi20 (2,8)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Dvi20 (3,6)	ver.6.1.25.1
J2000 Fixed Dome Camera	J2000-HDIP24Dvi30PA (2,8-12)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pi25P (3,6)	ver.6.1.25.1
J2000 Fixed Bullet Camera	J2000-HDIP24Pi25PA (3,6)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi30PA (3,6)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi40P (2,8-12)	ver.6.1.25.1
J2000 Fixed Bullet Camera	J2000-HDIP24Pvi40PA (2,8-12)	ver.114
J2000 Fixed Bullet Camera	J2000-HDIP2B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2D15Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2D15Full (3,6)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm20PA (3,6)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dm30PA (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dp20PA (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP2Dp20PA (3,6)	supported by specification
J2000 Fixed Box Camera	J2000-HDIP2HFULL	supported by specification
J2000 PTZ Dome Camera	J2000-HDIP2S10xFull	supported by specification
J2000 PTZ Dome Camera	J2000-HDIP2S20xFull	supported by specification
J2000 PTZ Dome Camera	J2000-HDIP2S30xFull	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP3B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP3D30Full (2,8-12)	supported by specification
J2000 Fixed Box Camera	J2000-HDIP3HFULL	supported by specification
J2000 Fixed Bullet Camera	J2000-HDIP4B50Full (2,8-12)	supported by specification
J2000 Fixed Dome Camera	J2000-HDIP4D30Full (2,8-12)	supported by specification
J2000 Fixed Box Camera	J2000IP-B121-PDN	ver.1.6
J2000 Fixed Box Camera	J2000IP-B130-PDN	supported by specification
J2000 Fixed Box Camera	J2000IP-C110-P	supported by specification
J2000 Fixed Dome Camera	J2000IP-D111-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-D113-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-DWV113-Ir1-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-DWV121-Ir1-PDN	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
J2000 Fixed Dome Camera	J2000IP-DWV312-Ir3-PDN	supported by specification
J2000 Fixed Dome Camera	J2000IP-mDWV113-Ir1-PDN	supported by specification
J2000 Fixed Bullet Camera	J2000IP-PW213-Ir4-24PDN	supported by specification
J2000 Fixed Bullet Camera	J2000IP-PWH313-Ir5-PDN	supported by specification
J2000 Fixed Dome Camera	J2000-mDWV111-Ir1-PDN	ver.1.6
J2000 Fixed Dome Camera	J2000-mDWV112-Ir1-PDN	supported by specification
J2000 Fixed Box Camera	J2000-PW112-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PW120-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PW121-Ir4DN	supported by specification
J2000 Fixed Box Camera	J2000-PWH121-Ir4-PDN	ver.1.6
J2000 Fixed Box Camera	J2000-PWH312-Ir3-PDN	supported by specification
J2000 PTZ Dome Camera	J2000-SDW120-24x30DN	ver.1.6
J2000 PTZ Dome Camera	J2000-SDW120-24x36DN	supported by specification
J2000 PTZ Dome Camera	J2000-SDW121-24x18DN	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
JVC Fixed Box Camera	VN-H137BU(EX)	supported by specification
JVC Fixed Box Camera	VN-H137U	supported by specification
JVC Fixed Bullet Camera	VN-H157WPU	supported by specification
JVC Fixed Bullet Camera	VN-H157WPU(EX)	supported by specification
JVC Fixed Dome Camera	VN-H237BU(EX)	supported by specification
JVC Fixed Dome Camera	VN-H237U	supported by specification
JVC Fixed Dome Camera	VN-H237VPU	supported by specification
JVC Fixed Dome Camera	VN-H257U	supported by specification
JVC Fixed Dome Camera	VN-H257U(EX)	supported by specification
JVC Fixed Dome Camera	VN-H257VPU	supported by specification
JVC Fixed Dome Camera	VN-H257VPU(EX)	supported by specification
JVC Fixed Box Camera	VN-H37U	ver. 4.04.103
JVC Fixed Box Camera	VN-H37U(EX)	supported by specification
JVC PTZ Camera	VN-H557U	supported by specification
JVC Fixed Box Camera	VN-H57U	supported by specification
JVC Fixed Box Camera	VN-H57U(EX)	supported by specification
JVC PTZ Camera	VN-H657BU	supported by specification
JVC PTZ Camera	VN-H657WPBU	supported by specification
JVC Fixed Box Camera	VN-T16U	supported by specification
JVC Fixed Dome Camera	VN-T216U	supported by specification
JVC Fixed Dome Camera	VN-T216VPRU	supported by specification



### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
LILIN Panoramic IP Camera	FD2452E	supported by specification
LILIN Panoramic IP Camera	FD2452V	supported by specification
LILIN Covert-Series IP Camera	IPC0122P3	supported by specification
LILIN Covert-Series IP Camera	IPC0122WP3	supported by specification
LILIN Covert-Series IP Camera	IPC0422E4	supported by specification
LILIN Door Station IP Camera	IPC0522E2	supported by specification
LILIN Pro-Series IP Camera	IPD112ESX3	supported by specification
LILIN Pro-Series IP Camera	IPD112S4.3	supported by specification
LILIN Pro-Series IP Camera	IPD2122ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPD2122ES6	supported by specification
LILIN Pro-Series IP Camera	IPD2220ES2	supported by specification
LILIN Pro-Series IP Camera	IPD2220ES4.3	ver.1.0.486
LILIN Pro-Series IP Camera	IPD2322ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPD552EX4.2N	supported by specification
LILIN Pro-Series IP Camera	IPD552EX4.2P	supported by specification
LILIN Pro-Series IP Camera	IPD6122ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPD6132ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPD6220ES2	supported by specification
LILIN Pro-Series IP Camera	IPD6220ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPD6222ES2	supported by specification
LILIN Pro-Series IP Camera	IPD6222ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPG012ESX4.2	supported by specification
LILIN Pro-Series IP Camera	IPG1022ESX3	ver.1.0.486
LILIN Pro-Series IP Camera	IPG1032ESX	supported by specification
LILIN Pro-Series IP Camera	IPG1032ESX3	supported by specification
LILIN Pro-Series IP Camera	IPG1052ES	supported by specification
LILIN Pro-Series IP Camera	IPR2122ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPR2122ES6	supported by specification
LILIN Pro-Series IP Camera	IPR2322ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR2522ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPR2522ES6	supported by specification
LILIN Pro-Series IP Camera	IPR320ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR414ESX3	supported by specification
LILIN Pro-Series IP Camera	IPR418ESX3	supported by specification
LILIN Pro-Series IP Camera	IPR424ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR428ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR434ESX2.4	supported by specification
LILIN Pro-Series IP Camera	IPR434ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR438ESX2.4	supported by specification
LILIN Pro-Series IP Camera	IPR438ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR6122ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR6132ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR614ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPR614ES6	supported by specification
LILIN Pro-Series IP Camera	IPR618ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPR618ES6	supported by specification
LILIN Pro-Series IP Camera	IPR712M4.3	supported by specification
LILIN Pro-Series IP Camera	IPR712M6	supported by specification
LILIN Pro-Series IP Camera	IPR722ES4.3	ver.1.0.486
LILIN Pro-Series IP Camera	IPR722ES6	supported by specification
LILIN Pro-Series IP Camera	IPR732ES4.3	supported by specification
LILIN Pro-Series IP Camera	IPR732ES6	supported by specification
LILIN Pro-Series IP Camera	IPR7334SX5	supported by specification
LILIN Pro-Series IP Camera	IPR7338SX5	supported by specification
LILIN Pro-Series IP Camera	IPR7424ESX2.4	supported by specification
LILIN Pro-Series IP Camera	IPR7424ESX3.6	ver.1.0.486

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
LILIN Pro-Series IP Camera	IPR7428ESX2.4	supported by specification
LILIN Pro-Series IP Camera	IPR7428ESX3.6	supported by specification
LILIN Pro-Series IP Camera	IPR7722ESX3.6	supported by specification
LILIN PTZ Dome IP Camera	IPS2102E	supported by specification
LILIN PTZ Dome IP Camera	IPS3102E	supported by specification
LILIN PTZ Dome IP Camera	IPS4184E	supported by specification
LILIN PTZ Dome IP Camera	IPS4188E	supported by specification
LILIN PTZ Dome IP Camera	IPS4204E	supported by specification
LILIN PTZ Dome IP Camera	IPS4208E	supported by specification
LILIN PTZ Dome IP Camera	IPS4304E	supported by specification
LILIN PTZ Dome IP Camera	IPS4308E	supported by specification
LILIN PTZ Dome IP Camera	IPS5180E	supported by specification
LILIN PTZ Dome IP Camera	IPS5184	supported by specification
LILIN PTZ Dome IP Camera	IPS5188	supported by specification
LILIN PTZ Dome IP Camera	IPS5200E	supported by specification
LILIN PTZ Dome IP Camera	IPS5204	supported by specification
LILIN PTZ Dome IP Camera	IPS5208	supported by specification
LILIN PTZ Dome IP Camera	IPS5300E	supported by specification
LILIN PTZ Dome IP Camera	IPS5304	supported by specification
LILIN PTZ Dome IP Camera	IPS5308	supported by specification
LILIN PTZ Dome IP Camera	IPS8364N	supported by specification
LILIN PTZ Dome IP Camera	IPS8364P	supported by specification
LILIN PTZ Dome IP Camera	IPS8368N	supported by specification
LILIN PTZ Dome IP Camera	IPS8368P	supported by specification
LILIN PTZ Dome IP Camera	IPS9364N	supported by specification
LILIN PTZ Dome IP Camera	IPS9364P	supported by specification
LILIN PTZ Dome IP Camera	IPS9368N	supported by specification
LILIN PTZ Dome IP Camera	IPS9368P	supported by specification
LILIN PTZ Dome IP Camera	IRS1204	supported by specification
LILIN PTZ Dome IP Camera	IRS1208	supported by specification
LILIN PTZ Dome IP Camera	IRS1304	supported by specification
LILIN PTZ Dome IP Camera	IRS1308	supported by specification
LILIN L-Series IP Camera	LB1022	supported by specification
LILIN L-Series IP Camera	LB1022EX3	supported by specification
LILIN L-Series IP Camera	LD2122E4	supported by specification
LILIN L-Series IP Camera	LD2122E6	supported by specification
LILIN L-Series IP Camera	LD2222E2	supported by specification
LILIN L-Series IP Camera	LD2222E4	supported by specification
LILIN L-Series IP Camera	LD2322EX3.6	supported by specification
LILIN L-Series IP Camera	LD6122EX3.6	supported by specification
LILIN L-Series IP Camera	LR2122E4	supported by specification
LILIN L-Series IP Camera	LR2122E6	supported by specification
LILIN L-Series IP Camera	LR2322EX3.6	supported by specification
LILIN L-Series IP Camera	LR2522E4	supported by specification
LILIN L-Series IP Camera	LR2522E6	supported by specification
LILIN L-Series IP Camera	LR302	supported by specification
LILIN L-Series IP Camera	LR312	supported by specification
LILIN L-Series IP Camera	LR6022EX3.6	supported by specification
LILIN L-Series IP Camera	LR6122EX3.6	supported by specification
LILIN L-Series IP Camera	LR632	supported by specification
LILIN L-Series IP Camera	LR7022E4	supported by specification
LILIN L-Series IP Camera	LR7022E6	supported by specification
LILIN L-Series IP Camera	LR7224EX3.6	supported by specification
LILIN L-Series IP Camera	LR7228EX3.6	supported by specification
LILIN L-Series IP Camera	LR7424EX3.6	supported by specification
LILIN L-Series IP Camera	LR7428EX3.6	supported by specification
LILIN L-Series IP Camera	LR7722EX3.6	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
LILIN L-Series IP Camera	LR832	supported by specification
LILIN M-Series IP Camera	MD2222	supported by specification
LILIN M-Series IP Camera	MR2922AX	supported by specification
LILIN M-Series IP Camera	MR2922X	supported by specification
LILIN M-Series IP Camera	MR2942AX	supported by specification
LILIN M-Series IP Camera	MR2942X	supported by specification
LILIN M-Series IP Camera	MR302	supported by specification
LILIN M-Series IP Camera	MR3022	supported by specification
LILIN M-Series IP Camera	MR3022A	supported by specification
LILIN M-Series IP Camera	MR3042	supported by specification
LILIN M-Series IP Camera	MR3042A	supported by specification
LILIN M-Series IP Camera	MR312	supported by specification
LILIN M-Series IP Camera	MR632	supported by specification
LILIN M-Series IP Camera	MR6322	supported by specification
LILIN M-Series IP Camera	MR6322A	supported by specification
LILIN M-Series IP Camera	MR6342	supported by specification
LILIN M-Series IP Camera	MR6342A	supported by specification
LILIN M-Series IP Camera	MR6422AX	supported by specification
LILIN M-Series IP Camera	MR6422X	supported by specification
LILIN M-Series IP Camera	MR6442AX	supported by specification
LILIN M-Series IP Camera	MR6442X	supported by specification
LILIN M-Series IP Camera	MR832	supported by specification
LILIN M-Series IP Camera	MR8322	supported by specification
LILIN M-Series IP Camera	MR8342	supported by specification
LILIN M-Series IP Camera	MR8422X	supported by specification
LILIN M-Series IP Camera	MR8442X	supported by specification
LILIN PTZ Dome IP Camera	PSD4624EX20	supported by specification
LILIN PTZ Dome IP Camera	PSD4624EX30	supported by specification
LILIN S-Series IP Camera	SD2222E2	supported by specification
LILIN S-Series IP Camera	SD2222E4	supported by specification
LILIN S-Series IP Camera	SG1122E	supported by specification
LILIN S-Series IP Camera	SR7022E4	supported by specification
LILIN S-Series IP Camera	SR7022E6	supported by specification
LILIN S-Series IP Camera	SR7424EX3.6	supported by specification
LILIN S-Series IP Camera	SR7428EX3.6	supported by specification
LILIN S-Series IP Camera	SR8222E4	supported by specification
LILIN Ultra-Series IP Camera	UFG1122E	supported by specification
LILIN Ultra-Series IP Camera	UHG1182E	supported by specification
LILIN Encoder	VS012	supported by specification
LILIN Encoder	VS212	supported by specification
LILIN Z-Series IP Camera	ZD2322EX3	supported by specification
LILIN Z-Series IP Camera	ZD6122EX3	supported by specification
LILIN Z-Series IP Camera	ZG1232EX3	supported by specification
LILIN Z-Series IP Camera	ZR2322EX3	supported by specification
LILIN Z-Series IP Camera	ZR6122EX3	supported by specification
LILIN Z-Series IP Camera	ZR7424EX3	supported by specification
LILIN Z-Series IP Camera	ZR7428EX3	supported by specification
LILIN Z-Series IP Camera	ZR8022EX10	supported by specification
LILIN Z-Series IP Camera	ZR8022EX20	supported by specification
LILIN Z-Series IP Camera	ZSR8122X	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP E-series	LTV CNE-130 22	supported by specification
LTV IP E-series	LTV CNE-230 22	supported by specification
LTV IP E-series	LTV CNE-431 00	tested by partner
LTV IP E-series	LTV CNE-440 00	supported by specification
LTV IP E-series	LTV CNE-450 00	tested by partner
LTV IP E-series	LTV CNE-610 42	supported by specification
LTV IP E-series	LTV CNE-611 42	supported by specification
LTV IP E-series	LTV CNE-620 48	supported by specification
LTV IP E-series	LTV CNE-621 41	supported by specification
LTV IP E-series	LTV CNE-621 42	supported by specification
LTV IP E-series	LTV CNE-621 42	supported by specification
LTV IP E-series	LTV CNE-622 48	supported by specification
LTV IP E-series	LTV CNE-630 42	tested by partner
LTV IP E-series	LTV CNE-630 48	ver. 3.4.2
LTV IP E-series	LTV CNE-630 4G	ver. 3.4.2.1
LTV IP E-series	LTV CNE-631 42	tested by partner
LTV IP E-series	LTV CNE-631 48	tested by partner
LTV IP E-series	LTV CNE-631 4G	tested by partner
LTV IP E-series	LTV CNE-632 41	supported by specification
LTV IP E-series	LTV CNE-632 42	supported by specification
LTV IP E-series	LTV CNE-632 48	supported by specification
LTV IP E-series	LTV CNE-640 41	supported by specification
LTV IP E-series	LTV CNE-640 42	tested by partner
LTV IP E-series	LTV CNE-640 48	tested by partner
LTV IP E-series	LTV CNE-640 58	supported by specification
LTV IP E-series	LTV CNE-650 48	tested by partner
LTV IP E-series	LTV CNE-820 48	supported by specification
LTV IP E-series	LTV CNE-830 42	ver. 3.4.2
LTV IP E-series	LTV CNE-830 48	tested by partner
LTV IP E-series	LTV CNE-831 42	tested by partner
LTV IP E-series	LTV CNE-831 48	tested by partner
LTV IP E-series	LTV CNE-832 41	supported by specification
LTV IP E-series	LTV CNE-832 42	supported by specification
LTV IP E-series	LTV CNE-832 48	supported by specification
LTV IP E-series	LTV CNE-840 41	supported by specification
LTV IP E-series	LTV CNE-840 42	tested by partner
LTV IP E-series	LTV CNE-840 48	tested by partner
LTV IP E-series	LTV CNE-840 58	supported by specification
LTV IP E-series	LTV CNE-850 48	tested by partner
LTV IP E-series	LTV CNE-910 42	supported by specification
LTV IP E-series	LTV CNE-911 42	supported by specification
LTV IP E-series	LTV CNE-920 48	supported by specification
LTV IP E-series	LTV CNE-921 41	supported by specification
LTV IP E-series	LTV CNE-921 42	supported by specification
LTV IP E-series	LTV CNE-922 48	supported by specification
LTV IP E-series	LTV CNE-930 48	ver. 3.4.2
LTV IP E-series	LTV CNE-931 42	supported by specification
LTV IP E-series	LTV CNE-931 48	tested by partner
LTV IP E-series	LTV CNE-932 41	supported by specification
LTV IP E-series	LTV CNE-932 42	supported by specification
LTV IP E-series	LTV CNE-932 48	supported by specification
LTV IP E-series	LTV CNE-940 48	tested by partner

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP E-series	LTV CNE-940 58	supported by specification
LTV IP L-series	LTV CNL-620 48	tested by partner
LTV IP L-series	LTV CNL-630 48	tested by partner
LTV IP L-series	LTV CNL-720 48	tested by partner
LTV IP L-series	LTV CNL-730 48	tested by partner
LTV IP L-series	LTV CNL-920 48	tested by partner
LTV IP L-series	LTV CNL-930 48	tested by partner
LTV IP M-series	LTV CNM-120 22	supported by specification
LTV IP M-series	LTV CNM-220 22	tested by partner
LTV IP M-series	LTV CNM-220 24	ver. 5.3.0 build 150715
LTV IP M-series	LTV CNM-220 62	ver. 5.3.0 build 150715
LTV IP M-series	LTV CNM-220 64	tested by partner
LTV IP M-series	LTV CNM-221 22	supported by specification
LTV IP M-series	LTV CNM-221 62	supported by specification
LTV IP M-series	LTV CNM-221 64	supported by specification
LTV IP M-series	LTV CNM-310 41	tested by partner
LTV IP M-series	LTV CNM-310 42	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-320 C1	supported by specification
LTV IP M-series	LTV CNM-320 C2	supported by specification
LTV IP M-series	LTV CNM-410 00	tested by partner
LTV IP M-series	LTV CNM-420 00	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-610 42	ver. 5.3.0 build 150623
LTV IP M-series	LTV CNM-610 44	tested by partner
LTV IP M-series	LTV CNM-610 48	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-620 42	tested by partner
LTV IP M-series	LTV CNM-620 44	tested by partner
LTV IP M-series	LTV CNM-620 48	tested by partner
LTV IP M-series	LTV CNM-625 48	supported by specification
LTV IP M-series	LTV CNM-710 48	tested by partner
LTV IP M-series	LTV CNM-720 48	ver. 5.1.7 build 140528
LTV IP M-series	LTV CNM-810 41	tested by partner
LTV IP M-series	LTV CNM-810 42	tested by partner
LTV IP M-series	LTV CNM-810 44	tested by partner
LTV IP M-series	LTV CNM-810 48	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-815 41	tested by partner
LTV IP M-series	LTV CNM-815 42	tested by partner
LTV IP M-series	LTV CNM-815 44	tested by partner
LTV IP M-series	LTV CNM-820 41	ver. 5.3.0 build 150605
LTV IP M-series	LTV CNM-820 42	tested by partner
LTV IP M-series	LTV CNM-820 44	tested by partner
LTV IP M-series	LTV CNM-820 48	tested by partner
LTV IP M-series	LTV CNM-825 41	tested by partner
LTV IP M-series	LTV CNM-825 42	tested by partner
LTV IP M-series	LTV CNM-825 44	tested by partner
LTV PTZ IP Camera	LTV CNP-225 62	supported by specification
LTV IP T-series	LTV CNT-230 24	tested by partner
LTV IP T-series	LTV CNT-430 00	ver.1.02
LTV IP T-series	LTV CNT-450 00	ver.1.10
LTV IP T-series	LTV CNT-630 58	tested by partner

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP T-series	LTV CNT-630 5G	supported by specification
LTV IP T-series	LTV CNT-650 58	ver. 1.10
LTV IP T-series	LTV CNT-730 58	ver. 1.09
LTV IP T-series	LTV CNT-750 18	supported by specification
LTV IP T-series	LTV CNT-750 41	ver. 1.10
LTV IP T-series	LTV CNT-750 G0	supported by specification
LTV IP T-series	LTV CNT-830 41	tested by partner
LTV IP T-series	LTV CNT-830 58	ver. 1.09
LTV IP T-series	LTV CNT-850 58	ver. 1.10
LTV PTZ system	LTV-Ex-20	supported by specification
LTV PTZ system	LTV-Ex-30	supported by specification
LTV PTZ system	LTV-Ex-TOR-20	supported by specification
LTV PTZ system	LTV-Ex-TOR-30	supported by specification
LTV IP Base	LTV-ICCM1-B320-F3.8	ver. 1044-1026-1031-1008
LTV IP Pro	LTV-ICDM1-423	supported by specification
LTV IP Pro	LTV-ICDM1-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-623LH-V3-9	ver. LTV01.2.1074.42
LTV IP Pro	LTV-ICDM1-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-723L-V3-9	ver. LTV01.2.1074.42
LTV IP Pro	LTV-ICDM1-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-723-V3-9	ver. LTV01.2.1080.42
LTV IP Pro	LTV-ICDM1-823H-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM1-823LH-V3-9	ver. LTV01.2.1084.42
LTV IP Base	LTV-ICDM1-B423L-F3.8	ver. 1044-1026-1031-1008
LTV IP Base	LTV-ICDM1-B623L-F3.8	ver. 1044-1026-1031-1008
LTV IP Base	LTV-ICDM1-B723L-F3.8	ver. 1044-1026-1031-1008
LTV IP E-series	LTV-ICDM1-E4230	supported by specification
LTV IP E-series	LTV-ICDM1-E6230L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E6230L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V.3-12	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM1-E6231L-V7-22	supported by specification
LTV IP E-series	LTV-ICDM1-E6235L-F3.6	supported by specification
LTV IP E-series	LTV-ICDM1-E8230L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E8230L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-F4	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-F6	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM1-E8231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM1-E9235L-F.6	supported by specification
LTV IP Pro	LTV-ICDM2-423	tested by partner
LTV IP Pro	LTV-ICDM2-423-T5	supported by specification
LTV IP Pro	LTV-ICDM2-623L-F4	supported by specification
LTV IP Pro	LTV-ICDM2-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-623LH-V3-9	ver. LTV01.2.1084.42
LTV IP Pro	LTV-ICDM2-723L-F4	supported by specification
LTV IP Pro	LTV-ICDM2-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-723L-V3-9	ver. LTV01.2.1074.42

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
LTV IP Pro	LTV-ICDM2-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDM2-723-V3-9	ver.LTV01.2.1080.42
LTV IP Pro	LTV-ICDM2-823-F2.1	supported by specification
LTV IP Pro	LTV-ICDM2-823-F4	supported by specification
LTV IP Pro	LTV-ICDM2-823H-V3.3-12	ver. LTV01.2.1061.42
LTV IP Pro	LTV-ICDM2-823LH-V3-9	ver.LTV01.2.1084.42
LTV IP E-series	LTV-ICDM2-E4230	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E6230L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-V3-10.5	supported by specification
LTV IP E-series	LTV-ICDM2-E6231L-V7-22	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E8230L-V3.3-12	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-F4	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-F6	supported by specification
LTV IP E-series	LTV-ICDM2-E8231L-V3-10.5	supported by specification
LTV IP T-series	LTV-ICDM3-T4230	ver.01.05a
LTV IP T-series	LTV-ICDM3-T6230LH-V3-9	supported by specification
LTV IP T-series	LTV-ICDM3-T7230-F2.8	supported by specification
LTV IP T-series	LTV-ICDM3-T7230-V3-9	supported by specification
LTV IP T-series	LTV-ICDM3-T8230H-F3.6	supported by specification
LTV IP T-series	LTV-ICDM3-T8230LH-V3-9	supported by specification
LTV IP Pro	LTV-ICDV-423	ver.LTV01.2.1061.42
LTV IP Pro	LTV-ICDV-623LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-723LH-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-723-V3.3-12	supported by specification
LTV IP Pro	LTV-ICDV-823H-V3.3-12	tested by partner
LTV IP T-series	LTV-ISDNI10-TM3	supported by specification
LTV IP E-series	LTV-ISDNO20-EM2	supported by specification
LTV IP Base	LTV-IWCCM1-B320L-F3.8	ver.1044-1026-1031-1008

## Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Microdigital Fixed Box Camera	MDC-i4220CDN	supported by specification
Microdigital Fixed Box Camera	MDC-i4220TDN	supported by specification
Microdigital Fixed Box Camera	MDC-i4230C	supported by specification
Microdigital Fixed Box Camera	MDC-i4230CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i4240	supported by specification
Microdigital Fixed Box Camera	MDC-i4240W	supported by specification
Microdigital Fixed Box Camera	MDC-i4250C	supported by specification
Microdigital Fixed Box Camera	MDC-i4250CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i4260C	supported by specification
Microdigital Fixed Box Camera	MDC-i4260CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i4270C	supported by specification
Microdigital Fixed Box Camera	MDC-i4270CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i4280C	supported by specification
Microdigital Fixed Box Camera	MDC-i4280CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i4290C	supported by specification
Microdigital Fixed Box Camera	MDC-i4290CTD	supported by specification
Microdigital Fixed Box Camera	MDC-i6221TDN-66H	supported by specification
Microdigital Fixed Box Camera	MDC-i6221TDNW-66H	supported by specification
Microdigital Fixed Box Camera	MDC-i6261VTD-66H	ver. 4.13-31-ds
Microdigital Fixed Box Camera	MDC-i6261VTDW-66H	supported by specification
Microdigital Fixed Box Camera	MDC-i6271VTD-66H	supported by specification
Microdigital Fixed Box Camera	MDC-i6290VTD-10H	supported by specification
Microdigital Fixed Box Camera	MDC-i6290VTD-110H	supported by specification
Microdigital Fixed Box Camera	MDC-i6291VTD-66H	ver. 4.14-01-ds
Microdigital Fixed Dome Camera	MDC-i7240F	ver. 4.13-31-ds
Microdigital Fixed Dome Camera	MDC-i7260F	supported by specification
Microdigital Fixed Dome Camera	MDC-i8220TDN	supported by specification
Microdigital Fixed Dome Camera	MDC-i8220VDN	supported by specification
Microdigital Fixed Dome Camera	MDC-i8230V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8230VTD	supported by specification
Microdigital Fixed Dome Camera	MDC-i8250V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8250VTD	ver. 4.11-75md-d1
Microdigital Fixed Dome Camera	MDC-i8260V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8260VTD	supported by specification
Microdigital Fixed Dome Camera	MDC-i8270V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8270VTD	supported by specification
Microdigital Fixed Dome Camera	MDC-i8280V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8280VTD	supported by specification
Microdigital Fixed Dome Camera	MDC-i8290V	supported by specification
Microdigital Fixed Dome Camera	MDC-i8290VTD	supported by specification
Microdigital Mini-Bullet Camera	MDC-L1290V	supported by specification
Microdigital Mini-Square Camera	MDC-L3290F	supported by specification
Microdigital Mini-Square Camera	MDC-L3290FSL	supported by specification
Microdigital Fixed Box Camera	MDC-L4090CSL	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6091VSL-66H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6091VSL-66HA	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6091VSLW-66H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290FSL-24H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290FTD-24H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-24H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-40H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-40HA	supported by specification



### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Microdigital Fixed Bullet Camera	MDC-L6290VSL-42	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-42A	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-42H	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VSL-42HA	supported by specification
Microdigital Fixed Bullet Camera	MDC-L6290VTD-24H	supported by specification
Microdigital Fixed Dome Camera	MDC-L7090FSL	supported by specification
Microdigital Fixed Dome Camera	MDC-L7090FSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L7090VSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290F	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290FSL	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290FSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290FTD-24	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290VSL	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290VSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290VTD	supported by specification
Microdigital Fixed Dome Camera	MDC-L7290VTD-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L8090VSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L8090VSL-30A	supported by specification
Microdigital Fixed Dome Camera	MDC-L8290F	supported by specification
Microdigital Fixed Dome Camera	MDC-L8290FTD-24H	supported by specification
Microdigital Fixed Dome Camera	MDC-L8290VSL-30	supported by specification
Microdigital Fixed Dome Camera	MDC-L8290VTD-30H	supported by specification
Microdigital Fixed Dome Camera	MDC-L8290VTD-H	supported by specification
Microdigital Fixed Bullet Camera	MDC-M6040VTD-42	supported by specification
Microdigital Fixed Bullet Camera	MDC-M6040VTD-42A	supported by specification
Microdigital Fixed Bullet Camera	MDC-M6090VSL-4A	supported by specification
Microdigital Fixed Bullet Camera	MDC-M6090VSL-4A2	supported by specification
Microdigital Fixed Bullet Camera	MDC-M6240FTD-2	supported by specification
Microdigital Fixed Dome Camera	MDC-M8040FTD-30	supported by specification
Microdigital Fixed Dome Camera	MDC-M8040VTD-2	supported by specification
Microdigital Fixed Dome Camera	MDC-M8040VTD-2A	supported by specification
Microdigital Fixed Dome Camera	MDC-M8090VSL-2A	supported by specification
Microdigital Mini-Square Camera	MDC-N3290FDN	supported by specification
Microdigital Fixed Cube Camera	MDC-N4090	supported by specification
Microdigital Fixed Cube Camera	MDC-N4090-8	supported by specification
Microdigital Fixed Box Camera	MDC-N4090TDN	supported by specification
Microdigital Fixed Cube Camera	MDC-N4090W	supported by specification
Microdigital Fixed Cube Camera	MDC-N4090W-8	supported by specification
Microdigital Fixed Box Camera	MDC-N4090WDN	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6091TDN-66H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6091TDNW-66H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6091WDN-66HA	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290FTN-24H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290TDN-24H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290TDN-36H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290TDN-40H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290TDN-42H	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290WDN-36HA	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290WDN-40HA	supported by specification
Microdigital Fixed Bullet Camera	MDC-N6290WDN-42HA	supported by specification
Microdigital Fixed Dome Camera	MDC-N7090FDN	supported by specification
Microdigital Fixed Dome Camera	MDC-N7090FTN-30	supported by specification
Microdigital Fixed Dome Camera	MDC-N7090TDN-30	supported by specification

**Preferred Integration Protocol: GenericRTSP (common protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Microdigital Fixed Dome Camera	MDC-N7090WDN-30	supported by specification
Microdigital Fixed Dome Camera	MDC-N7090WDN-30A	supported by specification
Microdigital Fixed Dome Camera	MDC-N7090WDN-30P	supported by specification
Microdigital Fixed Dome Camera	MDC-N7290FDN	supported by specification
Microdigital Fixed Dome Camera	MDC-N7290FTN-24	supported by specification
Microdigital Fixed Dome Camera	MDC-N7290TDN	supported by specification
Microdigital Fixed Dome Camera	MDC-N7290TDN-30	supported by specification
Microdigital Fixed Dome Camera	MDC-N8090TDN-30H	supported by specification
Microdigital Fixed Dome Camera	MDC-N8090WDN-30H	supported by specification
Microdigital Fixed Dome Camera	MDC-N8090WDN-30HA	supported by specification
Microdigital Fixed Dome Camera	MDC-N8290TDN-30H	supported by specification
Microdigital Fixed Dome Camera	MDC-N8290TDN-H	supported by specification
Microdigital Encoder	MDR-iVS04	supported by specification

## Preferred Integration Protocol: CGI (native Mobotix protocol)

**Video:** All channels available in device; 1 stream; MxPEG, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentatio.

Product Line	Model	Supported Firmware
Mobotix Hemispheric c25 Camera	MX-c25	ver.4.3.4.50
Mobotix DualDome D10 Camera	MX-D10	ver.2.2.3.24
Mobotix DualDome D12 Camera	MX-D12	ver.3.5.5.10
Mobotix DualDome D14 Camera	MX-D14	ver.4.3.2.77
Mobotix DualDome D15 Camera	MX-D15	ver.4.3.2.77
Mobotix DualDome D16 Camera	MX-D16	supported by specification
Mobotix Dome D22 Camera	MX-D22	ver.3.5.5.10
Mobotix Dome D24 Camera	MX-D24	ver.4.3.2.77
Mobotix Dome D25 Camera	MX-D25	ver.4.3.4.50
Mobotix Dome D26 Camera	MX-D26	supported by specification
Mobotix Hemispheric i24 Camera	MX-i24	supported by specification
Mobotix Hemispheric i25 Camera	MX-i25	ver.4.3.4.50
Mobotix AllroundDual M10 Camera	MX-M10	ver.2.2.3.24
Mobotix AllroundDual M12 Camera	MX-M12	ver.3.5.5.10
Mobotix AllroundDual M15 Camera	MX-M15	ver.4.3.2.77
Mobotix AllroundDual M16 Camera	MX-M16	supported by specification
Mobotix Allround M22 Camera	MX-M22	ver.3.5.5.10
Mobotix Allround M24 Camera	MX-M24	ver.4.3.2.77
Mobotix Allround M25 Camera	MX-M25	ver.4.3.4.50
Mobotix Allround M26 Camera	MX-M26	supported by specification
Mobotix p25 Camera	MX-p25	ver.4.3.4.50
Mobotix Hemispheric Q24 Camera	MX-Q22	ver.3.5.5.10
Mobotix Hemispheric Q24 Camera	MX-Q24	ver.4.3.2.77
Mobotix Hemispheric Q25 Camera	MX-Q25	ver.4.3.4.50
Mobotix Hemispheric Q26 Camera	MX-Q26	supported by specification
Mobotix FlexMount S14 Thermal Camera	MX-S14	ver.4.3.2.77
Mobotix FlexMount S15 Thermal Camera	MX-S15	ver.4.3.2.77
Mobotix FlexMount S15M Camera	MX-S15M	supported by specification
Mobotix FlexMount S16 Camera	MX-S16	supported by specification
Mobotix FlexMount S26 Camera	MX-S26	supported by specification
Mobotix IP Video Door Station T24 Camera	MX-T24	ver.4.3.2.77
Mobotix IP Video Door Station T25 Camera	MX-T25	ver.4.3.4.50
Mobotix Vandalism V10 Camera	MX-V10	ver.2.2.3.24
Mobotix Vandalism V12 Camera	MX-V12	ver.3.5.5.10
Mobotix Vandalism V14 Camera	MX-V14	ver.4.3.2.77
Mobotix Vandalism V15 Camera	MX-V15	ver.4.3.2.77
Mobotix Vandalism V16 Camera	MX-V16	supported by specification
Mobotix Indoor Dome V25 Camera	MX-V25	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
NeoVizus Fixed Bullet Camera	NVC-i120B	supported by specification
NeoVizus Fixed Dome Camera	NVC-i120D	supported by specification
NeoVizus Fixed Bullet Camera	NVC-i120H(s.3-8mm)	supported by specification
NeoVizus Fixed Bullet Camera	NVC-i120H(s.5-50mm)	supported by specification
NeoVizus Fixed Box Camera	NVC-i120-UBL	supported by specification
NeoVizus Fixed Box Camera	NVC-i130	ver. 1.02
NeoVizus Fixed Bullet Camera	NVC-i130B	supported by specification
NeoVizus Fixed Dome Camera	NVC-i130D	supported by specification
NeoVizus Fixed Bullet Camera	NVC-i130H	supported by specification

## Preferred Integration Protocol: CGI (native OTN protocol)

**Video:** All channels available in device; 1 stream; H.264 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
OTN Encoder	H.264/AVC-16p	ver.2.0.4
OTN Encoder	H.264/AVC-4p	ver.2.0.4

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Evolution 05 360° camera series	EVO-05-xxx	
Evolution 12 360° camera series	EVO-12-xxx	

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Partizan Fixed Dome Camera	IPD-1SP-IR SE	ver. 4.02.R11.00001710.10010
Partizan Fixed Dome Camera	IPD-1SP-IR 1.0	supported by specification
Partizan Fixed Bullet Camera	IPO-1SP SE	supported by specification
Partizan Fixed Dome Camera	IPD-1SP	supported by specification
Partizan Fixed Bullet Camera	IPO-1SP	ver. 4.02.R11.00001531.10010
Partizan Fixed Bullet Camera	IPO-VF1MP	supported by specification
Partizan Fixed Dome Camera	IPD-2SP-IR POE 1.0	supported by specification
Partizan Fixed Dome Camera	IPD-VF2MP POE	supported by specification
Partizan Fixed Bullet Camera	IPO-2SP POE	supported by specification
Partizan Fixed Bullet Camera	IPO-2SP POE 1.0	supported by specification
Partizan Fixed Bullet Camera	IPO-VF2MP POE	ver. 4.02.R11.00001532.10010
Partizan Fixed Bullet Camera	IPO-VF2MP POE 1.0	supported by specification
Partizan Fixed Dome Camera	IPD-5SP-IR POR	supported by specification
Partizan Fixed Dome Camera	IPD-VF5MP-IR POE	supported by specification
Partizan Fixed Bullet Camera	IPO-5SP POE	supported by specification
Partizan Fixed Bullet Camera	IPO-VF5MP	ver. V4.02.R11.47600520.12000
Partizan Fixed Bullet Camera	IPO-VF5MP POE 1.0	supported by specification

## Preferred Integration Protocol: CGI (native Panasonic protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Camera Line-up	BB-HNP17	supported by specification
Panasonic Camera Line-up	BL-C101	supported by specification
Panasonic Camera Line-up	BL-C121	supported by specification
Panasonic Camera Line-up	BL-C140	supported by specification
Panasonic Camera Line-up	BL-C160	supported by specification
Panasonic Camera Line-up	BL-C210	supported by specification
Panasonic Camera Line-up	BL-C230	supported by specification
Panasonic Camera Line-up	BL-VP101	ver. 2.10
Panasonic Camera Line-up	BL-VP104	ver. 2.10
Panasonic Camera Line-up	BL-VP104W	ver. 2.10
Panasonic Camera Line-up	BL-VT164	ver. 2.10
Panasonic Camera Line-up	BL-VT164W	ver. 2.10
Panasonic Network Video Interface	WJ-GXE100	ver. 2.10
Panasonic Network Video Interface	WJ-GXE500	ver. 2.10
Panasonic Fixed Dome Network Camera	WV-NF284	supported by specification
Panasonic Fixed Dome Network Camera	WV-NF302	supported by specification
Panasonic Fixed Network Camera	WV-NP1000	ver. 1.21
Panasonic Fixed Network Camera	WV-NP1004	ver. 1.21
Panasonic Fixed Network Camera	WV-NP240	ver. 1.25
Panasonic Fixed Network Camera	WV-NP244	ver. 1.25
Panasonic Fixed Network Camera	WV-NP304	supported by specification
Panasonic Fixed Network Camera	WV-NP502	ver. 2.15
Panasonic PTZ Dome Network Camera	WV-NS202A	ver. 1.10
Panasonic PTZ Dome Network Camera	WV-NS950	ver. 1.06
Panasonic PTZ Dome Network Camera	WV-NS954	ver. 1.06
Panasonic Fixed Dome Network Camera	WV-NW484	ver. 1.11
Panasonic Fixed Dome Network Camera	WV-NW484S	ver. 1.11
Panasonic Fixed Dome Network Camera	WV-NW502S	ver. 2.15
Panasonic PTZ Dome Network Camera	WV-NW960	ver. 1.06
Panasonic PTZ Dome Network Camera	WV-NW964	ver. 1.06
Panasonic Fixed Network Camera	WV-S1111	supported by specification
Panasonic Fixed Network Camera	WV-S1112	supported by specification
Panasonic Fixed Network Camera	WV-S1131	supported by specification
Panasonic Fixed Network Camera	WV-S1132	supported by specification
Panasonic Fixed Network Camera	WV-S1511LN	supported by specification
Panasonic Fixed Network Camera	WV-S1531LN	supported by specification
Panasonic Fixed Network Camera	WV-S1531LTN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2110	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2111L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2130	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2131	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2131L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2211L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2231L	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2511LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2531LN	supported by specification
Panasonic Fixed Dome Network Camera	WV-S2531LTN	supported by specification
Panasonic Fixed Dome Network Camera	WV-SBV111M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SBV131M	supported by specification
Panasonic PTZ Dome Network Camera	WV-SC384	ver. 2.10
Panasonic PTZ Dome Network Camera	WV-SC385	ver. 2.10
Panasonic PTZ Dome Network Camera	WV-SC386	ver. 2.10
Panasonic PTZ Dome Network Camera	WV-SC387	ver. 1.70
Panasonic PTZ Dome Network Camera	WV-SC387A	supported by specification
Panasonic PTZ Dome Network Camera	WV-SC588	ver. 1.60
Panasonic PTZ Dome Network Camera	WV-SC588A	supported by specification



**Preferred Integration Protocol: CGI (native Panasonic protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Panasonic Fixed Dome Network Camera	WV-SF132	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SF135	ver.2.11
Panasonic Fixed Dome Network Camera	WV-SF138	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF332	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF335	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF336	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF342	ver.2.10
Panasonic Fixed Dome Network Camera	WV-SF346	ver.2.10
Panasonic 360-degree Network Camera	WV-SF438	ver.1.60
Panasonic 360-degree Network Camera	WV-SF448	ver.1.60
Panasonic 360-degree Network Camera	WV-SF448E	supported by specification
Panasonic Fixed Dome Network Camera	WV-SF538	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF539	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF548	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SF549	ver.1.60
Panasonic Fixed Dome Network Camera	WV-SFN110	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN130	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN311A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFN311L	ver.1.55
Panasonic 360-degree Network Camera	WV-SFN480	ver.1.11
Panasonic Fixed Dome Network Camera	WV-SFN531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFN611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFN631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFR311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR311A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFR531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFR611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFR631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV110	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV110M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV130	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV130M	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV310	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV310A	supported by specification
Panasonic Fixed Dome Network Camera	WV-SFV311	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV311A	supported by specification
Panasonic 360-degree Network Camera	WV-SFV481	ver.1.11
Panasonic Fixed Dome Network Camera	WV-SFV531	ver.1.85
Panasonic Fixed Dome Network Camera	WV-SFV611L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV631L	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV631LT	ver.1.55
Panasonic Fixed Dome Network Camera	WV-SFV781L	supported by specification
Panasonic Fixed Network Camera	WV-SP102	ver.2.10
Panasonic Fixed Network Camera	WV-SP105	ver.2.10
Panasonic Fixed Network Camera	WV-SP302	ver.2.10
Panasonic Fixed Network Camera	WV-SP305	ver.2.10
Panasonic Fixed Network Camera	WV-SP306	ver.2.10
Panasonic Fixed Network Camera	WV-SP508	ver.1.60
Panasonic Fixed Network Camera	WV-SP509	ver.1.60
Panasonic Fixed Network Camera	WV-SPN310	ver.1.55
Panasonic Fixed Network Camera	WV-SPN310A	supported by specification
Panasonic Fixed Network Camera	WV-SPN311	ver.1.55

**Preferred Integration Protocol: CGI** (native Panasonic protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**I/O:** Inputs, Outputs

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Panasonic Fixed Network Camera	WV-SPN311A	supported by specification

## Preferred Integration Protocol: SARIX (native Pelco protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Pelco EHXME Series ExSite Camera	EHXME036-2	supported by specification
Pelco EHXME Series ExSite Camera	EHXME036-2X	supported by specification
Pelco EHXME Series ExSite Camera	EHXME036-7	supported by specification
Pelco EHXME Series ExSite Camera	EHXME036-7X	supported by specification
Pelco EHXME Series ExSite Camera	EHXME136-2	supported by specification
Pelco EHXME Series ExSite Camera	EHXME136-2X	supported by specification
Pelco EHXME Series ExSite Camera	EHXME136-7	supported by specification
Pelco EHXME Series ExSite Camera	EHXME136-7X	supported by specification
Pelco Esprit HD Series Camera	ES5230-02N	supported by specification
Pelco Esprit HD Series Camera	ES5230-02W	supported by specification
Pelco Esprit HD Series Camera	ES5230-05N	supported by specification
Pelco Esprit HD Series Camera	ES5230-05W	supported by specification
Pelco Esprit HD Series Camera	ES5230-12N	supported by specification
Pelco Esprit HD Series Camera	ES5230-12NP	supported by specification
Pelco Esprit HD Series Camera	ES5230-12W	supported by specification
Pelco Esprit HD Series Camera	ES5230-12WP	supported by specification
Pelco Esprit HD Series Camera	ES5230-15N	supported by specification
Pelco Esprit HD Series Camera	ES5230-15NP	supported by specification
Pelco Esprit HD Series Camera	ES5230-15W	supported by specification
Pelco Esprit HD Series Camera	ES5230-15WP	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-02N	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-02W	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-05N	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-05W	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-12N	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-12NP	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-12W	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-12WP	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-15N	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-15NP	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-15W	supported by specification
Pelco Esprit Enhanced Series Camera	ES523L-15WP	supported by specification
Pelco TI Series Sarix System	ESTI3100-2N	supported by specification
Pelco TI Series Sarix System	ESTI3100-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI3100-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI3100-2W	supported by specification
Pelco TI Series Sarix System	ESTI3100-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI3100-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI3100-5N	supported by specification
Pelco TI Series Sarix System	ESTI3100-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI3100-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI3100-5W	supported by specification
Pelco TI Series Sarix System	ESTI3100-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI3100-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI314-2N	supported by specification
Pelco TI Series Sarix System	ESTI314-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI314-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI314-2W	supported by specification
Pelco TI Series Sarix System	ESTI314-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI314-2W-X1	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco TI Series Sarix System	ESTI314-5N	supported by specification
Pelco TI Series Sarix System	ESTI314-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI314-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI314-5W	supported by specification
Pelco TI Series Sarix System	ESTI314-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI314-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI335-2N	supported by specification
Pelco TI Series Sarix System	ESTI335-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI335-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI335-2W	supported by specification
Pelco TI Series Sarix System	ESTI335-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI335-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI335-5N	supported by specification
Pelco TI Series Sarix System	ESTI335-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI335-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI335-5W	supported by specification
Pelco TI Series Sarix System	ESTI335-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI335-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI350-2N	supported by specification
Pelco TI Series Sarix System	ESTI350-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI350-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI350-2W	supported by specification
Pelco TI Series Sarix System	ESTI350-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI350-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI350-5N	supported by specification
Pelco TI Series Sarix System	ESTI350-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI350-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI350-5W	supported by specification
Pelco TI Series Sarix System	ESTI350-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI350-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI6100-2N	supported by specification
Pelco TI Series Sarix System	ESTI6100-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI6100-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI6100-2W	supported by specification
Pelco TI Series Sarix System	ESTI6100-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI6100-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI6100-5N	supported by specification
Pelco TI Series Sarix System	ESTI6100-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI6100-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI6100-5W	supported by specification
Pelco TI Series Sarix System	ESTI6100-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI6100-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI635-2N	supported by specification
Pelco TI Series Sarix System	ESTI635-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI635-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI635-2W	supported by specification
Pelco TI Series Sarix System	ESTI635-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI635-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI635-5N	supported by specification
Pelco TI Series Sarix System	ESTI635-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI635-5N-X1	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco TI Series Sarix System	ESTI635-5W	supported by specification
Pelco TI Series Sarix System	ESTI635-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI635-5W-X1	supported by specification
Pelco TI Series Sarix System	ESTI650-2N	supported by specification
Pelco TI Series Sarix System	ESTI650-2N-X	supported by specification
Pelco TI Series Sarix System	ESTI650-2N-X1	supported by specification
Pelco TI Series Sarix System	ESTI650-2W	supported by specification
Pelco TI Series Sarix System	ESTI650-2W-X	supported by specification
Pelco TI Series Sarix System	ESTI650-2W-X1	supported by specification
Pelco TI Series Sarix System	ESTI650-5N	supported by specification
Pelco TI Series Sarix System	ESTI650-5N-X	supported by specification
Pelco TI Series Sarix System	ESTI650-5N-X1	supported by specification
Pelco TI Series Sarix System	ESTI650-5W	supported by specification
Pelco TI Series Sarix System	ESTI650-5W-X	supported by specification
Pelco TI Series Sarix System	ESTI650-5W-X1	supported by specification
Pelco Evolution Series Camera	EVO-05LMD	supported by specification
Pelco Evolution Series Camera	EVO-05LND	supported by specification
Pelco Evolution Series Camera	EVO-05NRD	supported by specification
Pelco Evolution Series Camera	EVO-05NSD	supported by specification
Pelco Evolution Series Camera	EVO-12NMD	supported by specification
Pelco Evolution Series Camera	EVO-12NND	supported by specification
Pelco IBE+ Series Sarix Camera	IBE129-1I	supported by specification
Pelco IBE+ Series Sarix Camera	IBE129-1R	supported by specification
Pelco IBE+ Series Sarix Camera	IBE222-1I	supported by specification
Pelco IBE+ Series Sarix Camera	IBE222-1R	supported by specification
Pelco IBE+ Series Sarix Camera	IBE229-1I	supported by specification
Pelco IBE+ Series Sarix Camera	IBE229-1R	supported by specification
Pelco IBE+ Series Sarix Camera	IBE322-1I	supported by specification
Pelco IBE+ Series Sarix Camera	IBE322-1R	supported by specification
Pelco IBE+ Series Sarix Camera	IBE329-1I	supported by specification
Pelco IBE+ Series Sarix Camera	IBE329-1R	supported by specification
Pelco IBP Series Sarix Camera	IBP1110-ER	supported by specification
Pelco IBP+ Series Sarix Camera	IBP121-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP121-1R	supported by specification
Pelco IBP+ Series Sarix Camera	IBP122-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP122-1R	supported by specification
Pelco IBP Series Sarix Camera	IBP219-ER	supported by specification
Pelco IBP+ Series Sarix Camera	IBP221-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP221-1R	supported by specification
Pelco IBP+ Series Sarix Camera	IBP222-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP222-1R	supported by specification
Pelco IBP+ Series Sarix Camera	IBP224-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP224-1R	supported by specification
Pelco IBP Series Sarix Camera	IBP319-ER	supported by specification
Pelco IBP+ Series Sarix Camera	IBP321-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP321-1R	supported by specification
Pelco IBP+ Series Sarix Camera	IBP322-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP322-1R	supported by specification
Pelco IBP+ Series Sarix Camera	IBP324-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP324-1R	supported by specification
Pelco IBP Series Sarix Camera	IBP519-ER	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco IBP+ Series Sarix Camera	IBP521-1I	supported by specification
Pelco IBP+ Series Sarix Camera	IBP521-1R	supported by specification
Pelco IBP Series Sarix Camera	IBPS110-ER	supported by specification
Pelco ID Series Sarix Camera	ID10C-0	supported by specification
Pelco ID Series Sarix Camera	ID10C-1	supported by specification
Pelco ID Series Sarix Camera	ID10C8-1	supported by specification
Pelco ID Series Sarix Camera	ID10DN-0	supported by specification
Pelco ID Series Sarix Camera	ID10DN-1	supported by specification
Pelco ID Series Sarix Camera	ID10DN8-1	supported by specification
Pelco ID Series Sarix Camera	ID30DN-0	supported by specification
Pelco ID Series Sarix Camera	ID30DN-1	supported by specification
Pelco ID Series Sarix Camera	ID30DN8-1	supported by specification
Pelco IDE Series Sarix Camera	IDE10DN-0	supported by specification
Pelco IDE Series Sarix Camera	IDE10DN-1	supported by specification
Pelco IDE Series Sarix Camera	IDE10DN-OC1	supported by specification
Pelco IDE Series Sarix Camera	IDE10DN-OS1	supported by specification
Pelco IDE Series Sarix Camera	IDE10DN-OSP1	supported by specification
Pelco IDE Series Sarix Camera	IDE10N8-1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-0	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN8-1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OC1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OCPO	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OS1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OSD	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OSP1	supported by specification
Pelco IDE Series Sarix Camera	IDE20DN-OSPO	supported by specification
Pelco ID Series Sarix Camera	IDS0C12-1	supported by specification
Pelco ID Series Sarix Camera	IDS0DN-0	supported by specification
Pelco ID Series Sarix Camera	IDS0DN-1	supported by specification
Pelco ID Series Sarix Camera	IDS0DN12-1	supported by specification
Pelco ID Series Sarix Camera	IDS0OC-0	supported by specification
Pelco ID Series Sarix Camera	IDS0OC-1	supported by specification
Pelco IE Series Sarix Camera	IE10C-0	supported by specification
Pelco IE Series Sarix Camera	IE10C-1	supported by specification
Pelco IE Series Sarix Camera	IE10C8-1	supported by specification
Pelco IE Series Sarix Camera	IE10DN-0	supported by specification
Pelco IE Series Sarix Camera	IE10DN-1	supported by specification
Pelco IE Series Sarix Camera	IE10DN8-1	supported by specification
Pelco IE Series Sarix Camera	IE30DN-0	supported by specification
Pelco IE Series Sarix Camera	IE30DN-1	supported by specification
Pelco IE Series Sarix Camera	IE30DN8-1	supported by specification
Pelco IE Series Sarix Camera	IEE10DN-0	supported by specification
Pelco IE Series Sarix Camera	IEE10DN-1	supported by specification
Pelco IE Series Sarix Camera	IEE10DN8-1	supported by specification
Pelco IE Series Sarix Camera	IEE10DN-OC1	supported by specification
Pelco IE Series Sarix Camera	IEE10DN-OS1	supported by specification
Pelco IE Series Sarix Camera	IEE10DN-OSP1	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-0	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-1	supported by specification
Pelco IE Series Sarix Camera	IEE20DN8-1	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Pelco IE Series Sarix Camera	IEE20DN-OCPO	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-OCP1	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-OSO	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-OS1	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-OSPO	supported by specification
Pelco IE Series Sarix Camera	IEE20DN-OSP1	supported by specification
Pelco IE Series Sarix Camera	IESOC-0	supported by specification
Pelco IE Series Sarix Camera	IESOC-1	supported by specification
Pelco IE Series Sarix Camera	IESOC12-1	supported by specification
Pelco IE Series Sarix Camera	IESODN-0	supported by specification
Pelco IE Series Sarix Camera	IESODN-1	supported by specification
Pelco IE Series Sarix Camera	IESODN12-1	supported by specification
Pelco IJP+ Series Sarix Camera	IJP121-1IS	supported by specification
Pelco IJP+ Series Sarix Camera	IJP221-1IS	supported by specification
Pelco IM Series Sarix Camera	IM10C10-1	supported by specification
Pelco IM Series Sarix Camera	IM10C10-B1	ver.1.5.9.9261-O2.3870
Pelco IM Series Sarix Camera	IM10DN10-1E	supported by specification
Pelco IM Series Sarix Camera	IM10DN10-1V	supported by specification
Pelco IME Series Sarix Camera	IME119-1EI	supported by specification
Pelco IME Series Sarix Camera	IME119-1EP	supported by specification
Pelco IME Series Sarix Camera	IME119-1ES	supported by specification
Pelco IME Series Sarix Camera	IME119-1I	supported by specification
Pelco IME Series Sarix Camera	IME119-1P	supported by specification
Pelco IME Series Sarix Camera	IME119-1S	supported by specification
Pelco IME Series Sarix Camera	IME119-1VI†	supported by specification
Pelco IME Series Sarix Camera	IME119-1VP†	supported by specification
Pelco IME Series Sarix Camera	IME119-1VS†	supported by specification
Pelco IME+ Series Sarix Camera	IME122-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME129-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME129-1IS	supported by specification
Pelco IME+ Series Sarix Camera	IME129-1RS	supported by specification
Pelco IME Series Sarix Camera	IME219-1EI	supported by specification
Pelco IME Series Sarix Camera	IME219-1EP	supported by specification
Pelco IME Series Sarix Camera	IME219-1ES	supported by specification
Pelco IME Series Sarix Camera	IME219-1I	supported by specification
Pelco IME Series Sarix Camera	IME219-1P	supported by specification
Pelco IME Series Sarix Camera	IME219-1S	supported by specification
Pelco IME Series Sarix Camera	IME219-1VI†	supported by specification
Pelco IME Series Sarix Camera	IME219-1VP†	supported by specification
Pelco IME Series Sarix Camera	IME219-1VS†	supported by specification
Pelco IME+ Series Sarix Camera	IME222-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME222-1IS	supported by specification
Pelco IME+ Series Sarix Camera	IME222-1RS	supported by specification
Pelco IME+ Series Sarix Camera	IME229-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME229-1IS	supported by specification
Pelco IME+ Series Sarix Camera	IME229-1RS	supported by specification
Pelco IME Series Sarix Camera	IME3122-1EI	supported by specification
Pelco IME Series Sarix Camera	IME3122-1EP	supported by specification
Pelco IME Series Sarix Camera	IME3122-1ES	supported by specification
Pelco IME Series Sarix Camera	IME3122-1I	supported by specification
Pelco IME Series Sarix Camera	IME3122-1P	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco IME Series Sarix Camera	IME3122-1S	supported by specification
Pelco IME Series Sarix Camera	IME3122-1VI†	supported by specification
Pelco IME Series Sarix Camera	IME3122-1VP†	supported by specification
Pelco IME Series Sarix Camera	IME3122-1VS†	supported by specification
Pelco IME Series Sarix Camera	IME3122-B1I	supported by specification
Pelco IME Series Sarix Camera	IME3122-B1P	supported by specification
Pelco IME Series Sarix Camera	IME3122-B1S	supported by specification
Pelco IME Series Sarix Camera	IME319-1EI	supported by specification
Pelco IME Series Sarix Camera	IME319-1EP	supported by specification
Pelco IME Series Sarix Camera	IME319-1ES	supported by specification
Pelco IME Series Sarix Camera	IME319-1I	supported by specification
Pelco IME Series Sarix Camera	IME319-1P	supported by specification
Pelco IME Series Sarix Camera	IME319-1S	supported by specification
Pelco IME Series Sarix Camera	IME319-1VI†	supported by specification
Pelco IME Series Sarix Camera	IME319-1VP†	supported by specification
Pelco IME Series Sarix Camera	IME319-1VS†	supported by specification
Pelco IME Series Sarix Camera	IME319-B1I	supported by specification
Pelco IME Series Sarix Camera	IME319-B1P	supported by specification
Pelco IME Series Sarix Camera	IME319-B1S	supported by specification
Pelco IME+ Series Sarix Camera	IME322-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME322-1IS	supported by specification
Pelco IME+ Series Sarix Camera	IME322-1RS	supported by specification
Pelco IME+ Series Sarix Camera	IME329-1ES	supported by specification
Pelco IME+ Series Sarix Camera	IME329-1IS	supported by specification
Pelco IME+ Series Sarix Camera	IME329-1RS	supported by specification
Pelco IME Series Sarix Camera	IMES19-1EI	supported by specification
Pelco IME Series Sarix Camera	IMES19-1EP	supported by specification
Pelco IME Series Sarix Camera	IMES19-1ES	supported by specification
Pelco IME Series Sarix Camera	IMES19-1I	supported by specification
Pelco IME Series Sarix Camera	IMES19-1P	supported by specification
Pelco IME Series Sarix Camera	IMES19-1S	supported by specification
Pelco IME Series Sarix Camera	IMES19-1VI†	supported by specification
Pelco IME Series Sarix Camera	IMES19-1VP†	supported by specification
Pelco IME Series Sarix Camera	IMES19-1VS†	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1EI	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1EP	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1ES	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1I	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1P	supported by specification
Pelco IMM Series Optera Camera	IMM12018-1S	supported by specification
Pelco IMM Series Optera Camera	IMM12018-B1I	supported by specification
Pelco IMM Series Optera Camera	IMM12018-B1P	supported by specification
Pelco IMM Series Optera Camera	IMM12018-B1S	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1EI	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1EP	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1ES	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1I	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1P	supported by specification
Pelco IMM Series Optera Camera	IMM12027-1S	supported by specification
Pelco IMM Series Optera Camera	IMM12027-B1I	supported by specification
Pelco IMM Series Optera Camera	IMM12027-B1P	supported by specification



**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Pelco IMM Series Optera Camera	IMM12027-B1S	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1E1	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1EP	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1ES	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1I	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1P	supported by specification
Pelco IMM Series Optera Camera	IMM12036-1S	supported by specification
Pelco IMM Series Optera Camera	IMM12036-B1I	supported by specification
Pelco IMM Series Optera Camera	IMM12036-B1P	supported by specification
Pelco IMM Series Optera Camera	IMM12036-B1S	supported by specification
Pelco IMP+ Series Sarix Camera	IMP121-1ES	supported by specification
Pelco IMP+ Series Sarix Camera	IMP121-1IS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP121-1RS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP221-1ES	supported by specification
Pelco IMP+ Series Sarix Camera	IMP221-1IS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP221-1RS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP321-1ES	supported by specification
Pelco IMP+ Series Sarix Camera	IMP321-1IS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP321-1RS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP521-1ES	supported by specification
Pelco IMP+ Series Sarix Camera	IMP521-1IS	supported by specification
Pelco IMP+ Series Sarix Camera	IMP521-1RS	supported by specification
Pelco IM Series Sarix Camera	IMS0C10-1	supported by specification
Pelco IM Series Sarix Camera	IMS0C10-1E	supported by specification
Pelco IM Series Sarix Camera	IMS0C10-1V	supported by specification
Pelco IM Series Sarix Camera	IMS0DN10-1E	supported by specification
Pelco IM Series Sarix Camera	IMS0DN10-1V	supported by specification
Pelco IP110 Series Sarix Camera	IP110-ENC	tested by partner
Pelco IP110 Series Sarix Camera	IP110-LD	supported by specification
Pelco IP110 Series Sarix Camera	IP111-LD	supported by specification
Pelco IPSXME Series ExSite System	IPSXME036-2	supported by specification
Pelco IPSXME Series ExSite System	IPSXME036-2X	supported by specification
Pelco IPSXME Series ExSite System	IPSXME036-7	supported by specification
Pelco IPSXME Series ExSite System	IPSXME036-7X	supported by specification
Pelco IPSXME Series ExSite System	IPSXME136-2	supported by specification
Pelco IPSXME Series ExSite System	IPSXME136-2X	supported by specification
Pelco IPSXME Series ExSite System	IPSXME136-7	supported by specification
Pelco IPSXME Series ExSite System	IPSXME136-7X	supported by specification
Pelco IWP+ Series Sarix Camera	IWP121-1ES	supported by specification
Pelco IWP+ Series Sarix Camera	IWP221-1ES	supported by specification
Pelco IX Series Sarix Network Camera	IX10C	supported by specification
Pelco IX Series Sarix Network Camera	IX10DN	supported by specification
Pelco IX Series Sarix Network Camera	IX30C	supported by specification
Pelco IX Series Sarix Network Camera	IX30DN	ver. 1.5.9.9080-A1.3870
Pelco IX Series Sarix Network Camera	IXE10C	supported by specification
Pelco IX Series Sarix Network Camera	IXE10C-OCP	supported by specification
Pelco IX Series Sarix Network Camera	IXE10C-OS	supported by specification
Pelco IX Series Sarix Network Camera	IXE10C-OSP	supported by specification
Pelco IXE10 Series Sarix Network Camera	IXE10DN	supported by specification
Pelco IXE10 Series Sarix Network Camera	IXE10DN-OCP	supported by specification
Pelco IXE10 Series Sarix Network Camera	IXE10DN-OS	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco IXE10 Series Sarix Network Camera	IXE10DN-OSP	supported by specification
Pelco IXE Series Sarix Camera	IXE11	supported by specification
Pelco IXE+ Series Sarix Network Camera	IXE12	supported by specification
Pelco IX Series Sarix Network Camera	IXE20C	supported by specification
Pelco IX Series Sarix Network Camera	IXE20C-OS	supported by specification
Pelco IX Series Sarix Network Camera	IXE20C-OSP	supported by specification
Pelco IX Series Sarix Network Camera	IXE20DN	supported by specification
Pelco IX Series Sarix Network Camera	IXE20DN-OCP	supported by specification
Pelco IX Series Sarix Network Camera	IXE20DN-OS	supported by specification
Pelco IX Series Sarix Network Camera	IXE20DN-OSP	supported by specification
Pelco IXE Series Sarix Camera	IXE21	supported by specification
Pelco IXE+ Series Sarix Network Camera	IXE22	supported by specification
Pelco IX Series Sarix Network Camera	IXE2C-OCP	supported by specification
Pelco IXE Series Sarix Camera	IXE31	supported by specification
Pelco IXE+ Series Sarix Network Camera	IXE32	supported by specification
Pelco IXE Series Sarix Camera	IXES1	supported by specification
Pelco IXP Series Sarix Camera	IXP11	supported by specification
Pelco IXP Series Sarix Camera	IXP21	supported by specification
Pelco IXP Series Sarix Camera	IXP31	supported by specification
Pelco IXP Series Sarix Camera	IXP51	supported by specification
Pelco IXP Series Sarix Camera	IXPS1	supported by specification
Pelco IX Series Sarix Network Camera	IXSOC	ver. 1.1.6.9080-A1.2317
Pelco IX Series Sarix Network Camera	IXS0DN	supported by specification
Pelco NET5300 Series Encoder	NET5301T	no info
Pelco NET5400 Series Encoder	NET5401T	ver. 1.7.8.3081-03.5288
Pelco NET5400 Series Encoder	NET5401-T-OCP	supported by specification
Pelco NET5400 Series Encoder	NET5401T-OS	supported by specification
Pelco NET5400 Series Encoder	NET5401T-OSP	supported by specification
Pelco NET5400 Series Encoder	NET5402T	supported by specification
Pelco NET5400 Series Encoder	NET5402-T-OCP	supported by specification
Pelco NET5400 Series Encoder	NET5402T-OS	supported by specification
Pelco NET5400 Series Encoder	NET5402T-OSP	supported by specification
Pelco NET5400 Series Encoder	NET5404T	supported by specification
Pelco NET5400 Series Encoder	NET5404-T-OCP	supported by specification
Pelco NET5400 Series Encoder	NET5404T-OS	supported by specification
Pelco NET5400 Series Encoder	NET5404T-OSP	supported by specification
Pelco Spectra Professional Series Camera	P1220-ESR0	supported by specification
Pelco Spectra Professional Series Camera	P1220-ESR1	supported by specification
Pelco Spectra Professional Series Camera	P1220-FWH0	supported by specification
Pelco Spectra Professional Series Camera	P1220-FWH1	supported by specification
Pelco Spectra Professional Series Camera	P1220PWH0	supported by specification
Pelco Spectra Professional Series Camera	P1220PWH1	supported by specification
Pelco Spectra Professional Series Camera	P1220-YSR0	supported by specification
Pelco Spectra Professional Series Camera	P1220-YSR1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-EGO	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-EG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-EGL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-EGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-ESG0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-ESG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-ESGL0	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco Spectra Enhanced Series Camera	S6220-ESGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-FW0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-FW1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-FWL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-FWL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PBL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PBL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PGO	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PGL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-PGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-YB0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-YB1	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-YBL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6220-YBL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-EGO	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-EG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-EGL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-EGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-ESG0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-ESG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-ESGL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-ESGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-FW0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-FW1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-FWL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-FWL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PBL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PBL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PGO	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PG1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PGL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-PGL1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-YB0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-YB1	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-YBL0	supported by specification
Pelco Spectra Enhanced Series Camera	S6230-YBL1	supported by specification
Pelco Spectra IV IP H.264	SD4E23-TXB-N	supported by specification
Pelco Spectra IV IP H.264	SD4E27-TXB-N	supported by specification
Pelco Spectra IV IP H.264	SD4E35-TXB-N	ver. 1.6.13.2084-O1.4657
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-B0	tested by partner
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-B0-X	supported by specification
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-B1	supported by specification
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-B1-X	supported by specification
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-W0-X	supported by specification
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-W1	supported by specification
Pelco Spectra Mini IP Network Dome Series Camera	SD4N-W1-X	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-2N	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-2NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-2W	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-2WX1	supported by specification

**Preferred Integration Protocol: SARIX (native Pelco protocol)**

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Pelco TM Series Sarix System	SP-ESTM314-5N	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-5NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-5W	supported by specification
Pelco TM Series Sarix System	SP-ESTM314-5WX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-2N	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-2NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-2W	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-2WX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-5N	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-5NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-5W	supported by specification
Pelco TM Series Sarix System	SP-ESTM335-5WX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-2N	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-2NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-2W	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-2WX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-5N	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-5NX1	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-5W	supported by specification
Pelco TM Series Sarix System	SP-ESTM350-5WX1	supported by specification
Pelco TM Series Sarix Camera	SP-TM314	supported by specification
Pelco TM Series Sarix Camera	SP-TM314-X1	supported by specification
Pelco TM Series Sarix Camera	SP-TM335	supported by specification
Pelco TM Series Sarix Camera	SP-TM335-X1	supported by specification
Pelco TM Series Sarix Camera	SP-TM350	supported by specification
Pelco TM Series Sarix Camera	SP-TM350-X1	supported by specification

## Preferred Integration Protocol: SPECTRA (native Pelco protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Pelco PelcoNet NET350	NET350	ver.30050210
Pelco Spectra IV IP	SD4N18-TXB-IP	supported by specification
Pelco Spectra IV IP	SD4N35-TXB-IP	ver.1.00.30
Pelco Spectra IV IP	SD4NC22-TXB-IP	supported by specification
Pelco Spectra IV IP	SD4NCBW-TXB-IP	supported by specification
Pelco Spectra IV IP	SD4NTC-TXB-IP	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Provision-ISR Professional Box 5MP IP Camera	BX-251IP5	supported by specification
Provision-ISR Professional Box 4MP IP Camera	BX-342IP5	supported by specification
Provision-ISR Professional Box 1.3MP IP Camera	BX-380IP	supported by specification
Provision-ISR Professional Box 2MP IP Camera	BX-390IP	supported by specification
Provision-ISR IR VF VP Dome 5MP IP Camera	DAI-251IP5VF	supported by specification
Provision-ISR IR FL AV Dome 3MP IP Camera	DAI-310IPEH04	supported by specification
Provision-ISR IR VF Dome 3MP IP Camera	DAI-310IPEHVF	supported by specification
Provision-ISR IR VF Bullet 3MP IP Camera	DAI-310IPVF	supported by specification
Provision-ISR IR FL AV Dome 3MP IP Camera	DAI-330IP536	supported by specification
Provision-ISR IR VF VP Dome 3MP IP Camera	DAI-330IP5VF	supported by specification
Provision-ISR IR FL AV Dome 3MP IP Camera	DAI-331IP536	supported by specification
Provision-ISR IR VF VP Dome 3MP IP Camera	DAI-331IP5VF	supported by specification
Provision-ISR IR FL AV Dome 4MP IP Camera	DAI-340IP536	supported by specification
Provision-ISR IR VF VP Dome 4MP IP Camera	DAI-340IP5VF	supported by specification
Provision-ISR IR FL VP Dome 1.3MP IP Camera	DAI-380IP04	supported by specification
Provision-ISR IR FL VP Dome 1.3MP IP Camera	DAI-380IPE36	supported by specification
Provision-ISR IR VF VP Dome 1.3MP IP Camera	DAI-380IPVF	supported by specification
Provision-ISR IR FL VP Dome 2MP IP Camera	DAI-390IP04	supported by specification
Provision-ISR IR FL VP Dome 2MP IP Camera	DAI-390IPA36	supported by specification
Provision-ISR IR VF VP Dome 2MP IP Camera	DAI-390IPAVF	supported by specification
Provision-ISR IR VF VP Dome 2MP IP Camera	DAI-390IPVF	supported by specification
Provision-ISR IR FL VP Dome 1MP IP Camera	DAI-480IPE28	supported by specification
Provision-ISR IR VF Dome 3MP IP Camera	DI-310IPEHVF	supported by specification
Provision-ISR IR FL Dome 3MP IP Camera	DI-330IPS36	supported by specification
Provision-ISR IR FL Dome 4MP IP Camera	DI-340IP528	supported by specification
Provision-ISR IR FL Dome 4MP IP Camera	DI-340IP536	supported by specification
Provision-ISR IR Illumination Dome 4MP IP Camera	DI-340IP5MVF	supported by specification
Provision-ISR IR FL Dome 2MP IP Camera	DI-390IPS28	supported by specification
Provision-ISR IR FL Dome 2MP IP Camera	DI-390IPS36	v. 4.0.2.0(7200)
Provision-ISR IR VF Dome 2MP IP Camera	DI-390IPSVF	supported by specification
Provision-ISR IR VF Dome 2MP IP Camera	DI-390IPVF	supported by specification
Provision-ISR Mini Dome Plastic 1MP IP Camera	DM-480IPE28	supported by specification
Provision-ISR IR FL AV Dome 4MP IP Camera	DMA-340IP536	supported by specification
Provision-ISR IR FL Bullet 3MP IP Camera	I1-330IPS36	supported by specification
Provision-ISR IR FL Bullet 4MP IP Camera	I1-340IP536	supported by specification
Provision-ISR IR FL Bullet 2MP IP Camera	I1-390IPS36	supported by specification
Provision-ISR IR FL Bullet 3MP IP Camera	I3-310IP04	supported by specification
Provision-ISR IR FL Bullet 3MP IP Camera	I3-310IPEH04	supported by specification
Provision-ISR IR FL Bullet 3MP IP Camera	I3-330IP536	supported by specification
Provision-ISR IR FL Bullet 3MP IP Camera	I3-331IP536	supported by specification
Provision-ISR IR FL Bullet 4MP IP Camera	I3-340IP536	supported by specification
Provision-ISR IR FL Bullet 1.3MP IP Camera	I3-380IP04	supported by specification
Provision-ISR IR FL Bullet 1.3MP IP Camera	I3-380IPE36	supported by specification
Provision-ISR IR VF Lens Bullet 1.3MP IP Camera	I3-380IPVF	supported by specification
Provision-ISR IR FL Bullet 2MP IP Camera	I3-390IP04	supported by specification
Provision-ISR IR FL Bullet 2MP IP Camera	I3-390IPA36	supported by specification
Provision-ISR IR VF Lens Bullet 2MP IP Camera	I3-390IPSVF	supported by specification
Provision-ISR IR FL Bullet 1MP IP Camera	I3-480IPE28	supported by specification
Provision-ISR IR VF Bullet 5MP IP Camera	I4-251IP5VF	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Provision-ISR IR VF Bullet 3MP IP Camera	I4-330IP5VF	supported by specification
Provision-ISR IR VF Bullet 3MP IP Camera	I4-331IP5VF	supported by specification
Provision-ISR IR VF Bullet 4MP IP Camera	I4-340IP5MVF	supported by specification
Provision-ISR IR VF Bullet 4MP IP Camera	I4-340IP5VF	v. 3.4.3
Provision-ISR IR VF Bullet 1.3MP IP Camera	I4-380IPVF	supported by specification
Provision-ISR IR VF Bullet 2MP IP Camera	I4-390IPAVF	supported by specification
Provision-ISR IR VF Bullet 2MP IP Camera	I4-390IPVF	supported by specification
Provision-ISR IR VF Bullet 4MP IP Camera	I5-340IP5MVF	supported by specification
Provision-ISR IR Optical Zoom 2MP IP Camera	I5-390IPX10	supported by specification
Provision-ISR IR Optical Zoom 2MP IP Camera	I5-390IPX4	supported by specification
Provision-ISR Hidden 2MP IP Camera	MC-392IP543	supported by specification
Provision-ISR ULTRA-Z 1.3MP IP PTZ Camera	Z-20IP-1(IR)	supported by specification
Provision-ISR ULTRA-Z 2MP IP PTZ Camera	Z-20IP-2(IR)	supported by specification
Provision-ISR ULTRA-Z 2MP IP PTZ Camera	Z-20IPE-2(IR)	supported by specification
Provision-ISR ULTRA-Z 1.3MP IP PTZ Camera	Z-30IP-1(IR)	supported by specification
Provision-ISR ULTRA-Z 2MP IP PTZ Camera	Z-30IP-2(IR)	supported by specification
Provision-ISR ULTRA-Z 2MP IP PTZ Camera	Z-30IPE-2(IR)	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
RVi Fixed Box Camera	RVi-IPC11	tested by partner
RVi Fixed Box Camera	RVi-IPC11S	supported by specification
RVi Fixed Box Camera	RVi-IPC11SW	supported by specification
RVi Fixed Box Camera	RVi-IPC11W	tested by partner
RVi Fixed Box Camera	RVi-IPC12	supported by specification
RVi Fixed Box Camera	RVi-IPC12SW	supported by specification
RVi Fixed Box Camera	RVi-IPC12W	supported by specification
RVi Fixed Box Camera	RVi-IPC20DN	tested by partner
RVi Fixed Box Camera	RVi-IPC21	tested by partner
RVi Fixed Box Camera	RVi-IPC21DN	tested by partner
RVi Fixed Box Camera	RVi-IPC21DNL	tested by partner
RVi Fixed Box Camera	RVi-IPC21WDN	supported by specification
RVi Fixed Box Camera	RVi-IPC22	supported by specification
RVi Fixed Box Camera	RVi-IPC22DN	ver.2.100.GP00.2.R
RVi Fixed Box Camera	RVi-IPC23DN	ver.2.100.GP00.2.R
RVi Fixed Box Camera	RVi-IPC23-PRO	supported by specification
RVi Fixed Box Camera	RVi-IPC23WDN	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC31	supported by specification
RVi Fixed Dome Camera	RVi-IPC31DN	supported by specification
RVi Fixed Dome Camera	RVi-IPC31DNL	tested by partner
RVi Fixed Dome Camera	RVi-IPC31MS-IR	supported by specification
RVi Fixed Dome Camera	RVi-IPC31S	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC31VB	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC32	supported by specification
RVi Fixed Dome Camera	RVi-IPC32DNL	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC32DNS	supported by specification
RVi Fixed Dome Camera	RVi-IPC32M	ver.2.100.GP00.2.R
RVi Fixed Dome Camera	RVi-IPC32MS	supported by specification
RVi Fixed Dome Camera	RVi-IPC32MS-IR	supported by specification
RVi Fixed Dome Camera	RVi-IPC32MS-IR V.2	supported by specification
RVi Fixed Dome Camera	RVi-IPC32S	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC32VDN	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC32VL	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC32VM4	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33M	supported by specification
RVi Fixed Dome Camera	RVi-IPC33MS	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33S	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33V	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33VB	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33VS	supported by specification
RVi Fixed Dome Camera	RVi-IPC33WDN	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC33WVDN	supported by specification
RVi Fixed Dome Camera	RVi-IPC34	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34M	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34M-IR	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34M-IR V.2	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34VB	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34VD	supported by specification



**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34VDM4	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC34VM4	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC38VD	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC38VM4	supported by specification
RVi Fixed Bullet Camera	RVi-IPC41	supported by specification
RVi Fixed Bullet Camera	RVi-IPC41DNL	tested by partner
RVi Fixed Bullet Camera	RVi-IPC41DNS	supported by specification
RVi Fixed Bullet Camera	RVi-IPC41LS	supported by specification
RVi Fixed Bullet Camera	RVi-IPC41S	supported by specification
RVi Fixed Bullet Camera	RVi-IPC41S V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42DN	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42DNS	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42L	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42LS	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42M4	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42M4 V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42S	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42S V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC42Z12	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43DNS	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43L	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43M3	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43-PRO	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43S	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43S V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC43WDN	supported by specification
RVi Fixed Bullet Camera	RVi-IPC44	supported by specification
RVi Fixed Bullet Camera	RVi-IPC44 V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC44-PRO V.2	supported by specification
RVi Fixed Bullet Camera	RVi-IPC48	supported by specification
RVi Fixed Bullet Camera	RVi-IPC48M4	supported by specification
RVi PTZ Dome Camera	RVi-IPC50DN36	tested by partner
RVi PTZ Dome Camera	RVi-IPC51DN18	tested by partner
RVi PTZ Dome Camera	RVi-IPC52DN20	supported by specification
RVi PTZ Dome Camera	RVi-IPC52Z12	supported by specification
RVi PTZ Dome Camera	RVi-IPC52Z12i	supported by specification
RVi PTZ Dome Camera	RVi-IPC52Z30-PRO	supported by specification
RVi PTZ Dome Camera	RVi-IPC52Z4i	supported by specification
RVi PTZ Dome Camera	RVi-IPC53M	supported by specification
RVi PTZ Dome Camera	RVi-IPC62DN30	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z12	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z25-A1	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z30	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z30-A1	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z30-PRO	supported by specification
RVi PTZ Dome Camera	RVi-IPC62Z30-PRO V.2	supported by specification
RVi Fixed Vandal-Proof Dome Camera	RVi-IPC74	supported by specification
RVi Encoder	RVi-IPS125	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
RVi Encoder	RVi-IPS4100	supported by specification

## Preferred Integration Protocol: CGI (native Sanyo protocol)

**Video:** All channels available in device; 1 stream; H.264, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Inputs, Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Sanyo Fixed Box Camera	VCC-HD2100	supported by specification
Sanyo Fixed Box Camera	VCC-HD2100P	ver.1.02-05
Sanyo Fixed Box Camera	VCC-HD2300	supported by specification
Sanyo Fixed Box Camera	VCC-HD2300P	ver.1.02-05
Sanyo Fixed Box Camera	VCC-HD2500	supported by specification
Sanyo Fixed Box Camera	VCC-HD2500P	supported by specification
Sanyo Fixed Box Camera	VCC-HD4000	supported by specification
Sanyo Fixed Box Camera	VCC-HD4000P	supported by specification
Sanyo Fixed Box Camera	VCC-HD4600	supported by specification
Sanyo Fixed Box Camera	VCC-HD4600P	tested by partner
Sanyo PTZ Dome Camera	VCC-HD5400	supported by specification
Sanyo PTZ Dome Camera	VCC-HD5400P	ver.1.03-05
Sanyo PTZ Dome Camera	VCC-HD5600	supported by specification
Sanyo PTZ Dome Camera	VCC-HD5600P	supported by specification
Sayo Fixed Dome Camera	VDC-HD3100	supported by specification
Sayo Fixed Dome Camera	VDC-HD3100P	tested by partner
Sayo Fixed Dome Camera	VDC-HD3300	supported by specification
Sayo Fixed Dome Camera	VDC-HD3300P	supported by specification
Sayo Fixed Dome Camera	VDC-HD3500	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Siera Fixed Box Camera	IPS 8130	supported by specification
Siera Fixed Dome Camera	IPS 8272HD	supported by specification
Siera Fixed Bullet Camera	IPS 8420	supported by specification
Siera Fixed Bullet Camera	IPS 8600	supported by specification
Siera Fixed Box Camera	IPS 8720HD	ver. 1.12.08.27
Siera Fixed Box Camera	IPS 8720HD-2MPX	supported by specification
Siera Fixed Box Camera	IPS 8720HD-3MPX	supported by specification
Siera Fixed Bullet Camera	IPS 8835HD	supported by specification
Siera Encoder	IPS-NVS	supported by specification
Siera Fixed Box Camera	VSP 6530IP	ver. 2.100.0000.2.R
Siera Fixed Dome Camera	VSP 6533IP	supported by specification
Siera Fixed Bullet Camera	VSP 6536IP	supported by specification

### Preferred Integration Protocol: CGI (native SIQURA protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
SIQURA Fixed Box Camera	BC2x Series	supported by specification
SIQURA Encoder	C-54 E-MC	supported by specification
SIQURA Encoder	C-60 E-MC	supported by specification
SIQURA Encoder	C620 E	supported by specification
SIQURA Encoder	C620 E-PID	supported by specification
SIQURA Encoder	EVE 4x4	supported by specification
SIQURA Encoder	EVE FOUR	supported by specification
SIQURA Encoder	EVE ONE	supported by specification
SIQURA PTZ Dome Camera	HD26 WDR	ver.1.0.1
SIQURA PTZ Dome Camera	HD66 WDR	supported by specification
SIQURA Encoder	S-50 E-MSA	supported by specification
SIQURA Encoder	S-54 E	supported by specification
SIQURA Encoder	S-60 E	ver.2.3.2
SIQURA Encoder	S620 E	supported by specification
SIQURA Encoder	S-64 E v2	supported by specification
SIQURA Encoder	S-64 E/32 GB	supported by specification
SIQURA Encoder	S-64 E/XT	supported by specification
SIQURA Encoder	S-68 E	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Siqura Box Camera	BC1103	supported by specification
Siqura Box Camera	BC820	supported by specification
Siqura Box Camera	BC820H1	supported by specification
Siqura Box Camera	BC820v2	supported by specification
Siqura Box Camera	BC820v2H3	supported by specification
Siqura Box Camera	BC840-AID	supported by specification
Siqura Box Camera	BC840-MC	supported by specification
Siqura Box Camera	BC840-PID	supported by specification
Siqura Box Camera	BC840-PID-XT	supported by specification
Siqura Bullet Camera	BL1002F4-EI	supported by specification
Siqura Bullet Camera	BL1004F4-EI	supported by specification
Siqura Bullet Camera	BL1004M1-EI	supported by specification
Siqura Bullet Camera	BL1103M1-EI	supported by specification
Siqura Bullet Camera	BL810F1IR	supported by specification
Siqura Bullet Camera	BL820M1IR	supported by specification
Siqura Bullet Camera	BL820v2M1IR	supported by specification
Siqura Compact Dome Camera	CD1002F2-EI	supported by specification
Siqura Compact Dome Camera	CD1004F2-EI	supported by specification
Siqura Compact Dome Camera	CD810F1	supported by specification
Siqura Compact Dome Camera	CD820F1	supported by specification
Siqura Fixed Dome Camera	FD1002V1-EI	supported by specification
Siqura Fixed Dome Camera	FD1004M1-EI	supported by specification
Siqura Fixed Dome Camera	FD1103M1-EI	supported by specification
Siqura Fixed Dome Camera	FD1103M1-I	supported by specification
Siqura Fisheye Camera	FD360IR	supported by specification
Siqura Fisheye Camera	FD360IR-E	supported by specification
Siqura Fixed Dome Camera	FD810V1IR	supported by specification
Siqura Fixed Dome Camera	FD820M1IR	supported by specification
Siqura Fixed Dome Camera	FD820M1IR-SPF	supported by specification
Siqura Fixed Dome Camera	FD820v2M1IR	supported by specification
Siqura PTZ Dome Camera	HSD621PRH	supported by specification
Siqura PTZ Dome Camera	HSD622	supported by specification
Siqura PTZ Dome Camera	HSD626	supported by specification
Siqura PTZ Dome Camera	HSD820H2-E	supported by specification
Siqura PTZ Dome Camera	HSD820H2-I	supported by specification
Siqura Xtreme Camera	HSD820H3 MDC	supported by specification
Siqura Xtreme Camera	HSD820H3 PD	supported by specification
Siqura Xtreme Camera	HSD820H3 SA	supported by specification
Siqura PTZ Dome Camera	HSD820H3-E	supported by specification
Siqura PTZ Dome Camera	HSD820H3PRH	supported by specification
Siqura PTZ Dome Camera	HSD820v2H3-E	supported by specification
Siqura Fixed Dome Camera	IFD820V1IR	supported by specification
Siqura PTZ Dome Camera	PD1103Z2-E	supported by specification
Siqura PTZ Dome Camera	PD1103Z2-EI	supported by specification
Siqura Xtreme Camera	SA-BC820v2H3 F	supported by specification
Siqura Xtreme Camera	SA-BC820v2H3-TC620 D	supported by specification
Siqura Xtreme Camera	SA-DC820v2H3 PTZ	supported by specification
Siqura Xtreme Camera	SA-TC620 PTZ	supported by specification
Siqura Xtreme Camera	SA-TC620-PID F	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Siqura Xtreme Camera	SA-TC840R1 F	supported by specification
Siqura Xtreme Camera	SA-TC840R1 PTZ	supported by specification
Siqura Thermal Camera	TC620-PID	supported by specification
Siqura Thermal Camera	TC840R1	supported by specification

## Preferred Integration Protocol: 6 Generation CGI (native Sony protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Sony Network Camera - C Series	SNC-CX600W	ver.1.7.0
Sony Network Camera - C Series	SNC-CX600	supported by specification
Sony Network Camera - E Series	SNC-EB600	supported by specification
Sony Network Camera - E Series	SNC-EB600B	supported by specification
Sony Network Camera - E Series	SNC-EB602R	supported by specification
Sony Network Camera - E Series	SNC-EB630	supported by specification
Sony Network Camera - E Series	SNC-EB630B	supported by specification
Sony Network Camera - E Series	SNC-EB632R	ver.2.1.2
Sony Network Camera - E Series	SNC-EM600	ver.1.6.0
Sony Network Camera - E Series	SNC-EM601	supported by specification
Sony Network Camera - E Series	SNC-EM602R	supported by specification
Sony Network Camera - E Series	SNC-EM602RC	supported by specification
Sony Network Camera - E Series	SNC-EM630	ver.1.6.0
Sony Network Camera - E Series	SNC-EM631	supported by specification
Sony Network Camera - E Series	SNC-EM632R	supported by specification
Sony Network Camera - E Series	SNC-EM632RC	supported by specification
Sony Network Camera - H Series	SNC-HM662	ver.1.1.1
Sony Network Camera - V Series	SNC-VB600	ver.1.5.1
Sony Network Camera - V Series	SNC-VB600B	supported by specification
Sony Network Camera - V Series	SNC-VB630	ver.1.5.1
Sony Network Camera - V Series	SNC-VB632D	supported by specification
Sony Network Camera - V Series	SNC-VB635	ver.2.1.2
Sony Network Camera - V Series	SNC-VB770	supported by specification
Sony Network Camera - V Series	SNC-VM600	ver.1.5.1
Sony Network Camera - V Series	SNC-VM600B	supported by specification
Sony Network Camera - V Series	SNC-VM601	supported by specification
Sony Network Camera - V Series	SNC-VM601B	supported by specification
Sony Network Camera - V Series	SNC-VM602R	supported by specification
Sony Network Camera - V Series	SNC-VM630	ver.1.5.1
Sony Network Camera - V Series	SNC-VM631	supported by specification
Sony Network Camera - V Series	SNC-VM632R	supported by specification
Sony Network Camera - V Series	SNC-VM772R	supported by specification
Sony Network Camera - W Series	SNC-WR600	ver.2.1.2
Sony Network Camera - W Series	SNC-WR602C	supported by specification
Sony Network Camera - W Series	SNC-WR630	supported by specification
Sony Network Camera - W Series	SNC-WR632	supported by specification
Sony Network Camera - W Series	SNC-WR632C	supported by specification
Sony Network Camera - X Series	SNC-XM631	ver.2.1.2
Sony Network Camera - X Series	SNC-XM632	ver.2.1.2
Sony Network Camera - X Series	SNC-XM636	supported by specification
Sony Network Camera - X Series	SNC-XM637	supported by specification



## Preferred Integration Protocol: 5 Generation CGI (native Sony protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4, MJPEG codecs

**PTZ:** Pan, Tilt, Zoom; Presets; Tours

**Network:** Autodiscovery

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols:** ONVIF, RTSP (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Sony Network Camera - C Series	SNC-CH110	supported by specification
Sony Network Camera - C Series	SNC-CH120	supported by specification
Sony Network Camera - C Series	SNC-CH140	ver. 1.10.02
Sony Network Camera - C Series	SNC-CH160	supported by specification
Sony Network Camera - C Series	SNC-CH180	supported by specification
Sony Network Camera - C Series	SNC-CH210	ver. 1.78.00
Sony Network Camera - C Series	SNC-CH220	supported by specification
Sony Network Camera - C Series	SNC-CH240	ver. 1.77.00
Sony Network Camera - C Series	SNC-CH260	ver. 1.78.00
Sony Network Camera - C Series	SNC-CH280	supported by specification
Sony Network Camera - D Series	SNC-DH110	supported by specification
Sony Network Camera - D Series	SNC-DH110T	supported by specification
Sony Network Camera - D Series	SNC-DH120	ver. 1.78.00
Sony Network Camera - D Series	SNC-DH120T	supported by specification
Sony Network Camera - D Series	SNC-DH140	supported by specification
Sony Network Camera - D Series	SNC-DH140T	supported by specification
Sony Network Camera - D Series	SNC-DH160	supported by specification
Sony Network Camera - D Series	SNC-DH180	supported by specification
Sony Network Camera - D Series	SNC-DH210	supported by specification
Sony Network Camera - D Series	SNC-DH210T	supported by specification
Sony Network Camera - D Series	SNC-DH220	supported by specification
Sony Network Camera - D Series	SNC-DH220T	supported by specification
Sony Network Camera - D Series	SNC-DH240	supported by specification
Sony Network Camera - D Series	SNC-DH240T	supported by specification
Sony Network Camera - D Series	SNC-DH260	supported by specification
Sony Network Camera - D Series	SNC-DH280	supported by specification
Sony Network Camera - E Series	SNC-EB520	supported by specification
Sony Network Camera - E Series	SNC-EM520	supported by specification
Sony Network Camera - E Series	SNC-EM521	supported by specification
Sony Network Camera - E Series	SNC-EP520	supported by specification
Sony Network Camera - E Series	SNC-EP521	supported by specification
Sony Network Camera - E Series	SNC-EP550	supported by specification
Sony Network Camera - E Series	SNC-EP580	supported by specification
Sony Network Camera - E Series	SNC-ER520	supported by specification
Sony Network Camera - E Series	SNC-ER521	supported by specification
Sony Network Camera - E Series	SNC-ER550	supported by specification
Sony Network Camera - E Series	SNC-ER580	tested by partner
Sony Network Camera - E Series	SNC-ER585	supported by specification
Sony Network Camera - E Series	SNC-ER585H	supported by specification
Sony Network Camera - R Series	SNC-RH124	supported by specification
Sony Network Camera - R Series	SNC-RH164	supported by specification
Sony Network Camera - R Series	SNC-RS44N	supported by specification
Sony Network Camera - R Series	SNC-RS44P	supported by specification
Sony Network Camera - R Series	SNC-RS46N	ver. 1.78.01
Sony Network Camera - R Series	SNC-RS46P	supported by specification
Sony Network Camera - R Series	SNC-RS84N	supported by specification
Sony Network Camera - R Series	SNC-RS84P	supported by specification
Sony Network Camera - R Series	SNC-RS86N	supported by specification
Sony Network Camera - R Series	SNC-RS86P	supported by specification
Sony Network Camera - Z Series	SNC-ZB550	ver. 1.5.1
Sony Network Camera - Z Series	SNC-ZM550	supported by specification
Sony Network Camera - Z Series	SNC-ZM551	supported by specification
Sony Network Camera - Z Series	SNC-ZP550	supported by specification
Sony Network Camera - Z Series	SNC-ZR550	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Sunell Fixed Box Camera	SN-IPC54/00(11)	supported by specification
Sunell Fixed Box Camera	SN-IPC54/00E	supported by specification
Sunell Fixed Box Camera	SN-IPC54/50	supported by specification
Sunell Fixed Box Camera	SN-IPC54/50E	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/00V	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/00VIR	supported by specification
Sunell Fixed Box Camera	SN-IPR54/00U	supported by specification
Sunell Fixed Box Camera	SN-IPR54/50U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/00(11)	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/00DR(11)	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/00U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/00UIR	supported by specification
Sunell Fixed Box Camera	SN-IPC54/11	supported by specification
Sunell Fixed Box Camera	SN-IPC54/11E	supported by specification
Sunell Fixed Box Camera	SN-IPC54/12	supported by specification
Sunell Fixed Box Camera	SN-IPC54/12E	supported by specification
Sunell Fixed Box Camera	SN-IPC54/20	supported by specification
Sunell Fixed Box Camera	SN-IPC54/20E	supported by specification
Sunell Fixed Box Camera	SN-IPC54/51	supported by specification
Sunell Fixed Box Camera	SN-IPC54/51E	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/11V	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/11VIR	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/12V	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/12VIR	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/20V	supported by specification
Sunell Fixed Dome Camera	SN-IPD54/20VIR	supported by specification
Sunell Fixed Box Camera	SN-IPR54/11U	supported by specification
Sunell Fixed Box Camera	SN-IPR54/12U	supported by specification
Sunell Fixed Box Camera	SN-IPR54/20U	supported by specification
Sunell Fixed Box Camera	SN-IPR54/51U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/11	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/11DR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/11U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/11UIR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/12	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/12DR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/12U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/12UIR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/20	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/20DR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/20U	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/20UIR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/50	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/50DR	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/51	supported by specification
Sunell Fixed Dome Camera	SN-IPV54/51DR	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Surveon Fixed Box Camera	CAM1300	supported by specification
Surveon Fixed Box Camera	CAM1301	supported by specification
Surveon Fixed Dome Camera	CAM1320	supported by specification
Surveon Fixed Box Camera	CAM2100	supported by specification
Surveon Fixed Box Camera	CAM2101	supported by specification
Surveon Fixed Box Camera	CAM2200	supported by specification
Surveon Fixed Box Camera	CAM2201	supported by specification
Surveon Fixed Box Camera	CAM2400	supported by specification
Surveon Fixed Box Camera	CAM2300	supported by specification
Surveon Fixed Box Camera	CAM2301	supported by specification
Surveon Fixed Box Camera	CAM2301A	supported by specification
Surveon Fixed Box Camera	CAM2311	ver. 1.8.E09
Surveon Fixed Box Camera	CAM2311P	supported by specification
Surveon Fixed Box Camera	CAM2320	supported by specification
Surveon Fixed Box Camera	CAM2321	supported by specification
Surveon Fixed Bullet Camera	CAM3260	supported by specification
Surveon Fixed Bullet Camera	CAM3351	supported by specification
Surveon Fixed Bullet Camera	CAM3361	supported by specification
Surveon Fixed Bullet Camera	CAM3371	supported by specification
Surveon Fixed Bullet Camera	CAM3365	ver. 1.8.E09
Surveon Fixed Dome Camera	CAM4110	supported by specification
Surveon Fixed Dome Camera	CAM4160	supported by specification
Surveon Fixed Dome Camera	CAM4210	supported by specification
Surveon Fixed Dome Camera	CAM4220	supported by specification
Surveon Fixed Dome Camera	CAM4360	supported by specification
Surveon Fixed Dome Camera	CAM4361	supported by specification
Surveon Fixed Dome Camera	CAM4371	supported by specification
Surveon Fixed Dome Camera	CAM4365	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
TRUEN Fixed Box Camera	TCAM-330	supported by specification
TRUEN Fixed Box Camera	TCAM-330W	supported by specification
TRUEN Fixed Dome Camera	TCAM-351	supported by specification
TRUEN Fixed Dome Camera	TCAM-351IR	supported by specification
TRUEN PTZ Dome Camera	TCAM-370-X10	supported by specification
TRUEN PTZ Dome Camera	TCAM-370-X26	supported by specification
TRUEN PTZ Dome Camera	TCAM-370-X27	supported by specification
TRUEN PTZ Dome Camera	TCAM-370-X33	supported by specification
TRUEN PTZ Dome Camera	TCAM-370-X37	tested by partner
TRUEN PTZ Dome Camera	TCAM-370-X36	supported by specification
TRUEN Fixed Box Camera	TCAM-530	supported by specification
TRUEN Fixed Box Camera	TCAM-531C	supported by specification
TRUEN Fixed Box Camera	TCAM-531H	supported by specification
TRUEN Fixed Box Camera	TCAM-531BIR	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X10SC	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X10SS	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X10SH	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X18HC	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X18HS	supported by specification
TRUEN Fixed Box Camera	TCAM-540-X18HH	supported by specification
TRUEN Fixed Dome Camera	TCAM-551	supported by specification
TRUEN Fixed Dome Camera	TCAM-551IR	supported by specification
TRUEN PTZ Dome Camera	TCAM-570-X10S	supported by specification
TRUEN PTZ Dome Camera	TCAM-570-X18H	tested by partner
TRUEN Fixed Box Camera	TCAM-6300	supported by specification
TRUEN Fixed Box Camera	TCAM-7300	supported by specification
TRUEN Encoder	TCS-2000	supported by specification
TRUEN Encoder	TCS-300	supported by specification
TRUEN Encoder	TCS-400	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF120	supported by specification
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF36	supported by specification
1.3MP IR Mini Bullet Camera	IPC2121SR3-PF60	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF120	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF36	supported by specification
2MP Fixed Mini Bullet Camera	IPC2122SR3-PF40-B	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-PF60	supported by specification
2MP Fixed Mini Bullet Camera	IPC2122SR3-PF60-B	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF40	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF40-C	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF60	supported by specification
2MP IR Mini Bullet Camera	IPC2122SR3-UPF60-C	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF120	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF36	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF36-16G	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF60	supported by specification
4MP WDR IR Mini Bullet Camera	IPC2124SR3-DPF60-16G	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F120	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F36	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-F60	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF120	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF36	supported by specification
1.3MP IR Bullet Camera	IPC2211ER3-PF60	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F120	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F36	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-F60	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF120	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF36	supported by specification
1.3MP IR Bullet Camera	IPC2211SR3-PF60	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F120	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F36	supported by specification
2MP IR Bullet Camera	IPC2212ER3-F60	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF120	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF36	supported by specification
2MP IR Bullet Camera	IPC2212ER3-PF60	supported by specification
1.3MP WDR IR Bullet Camera	IPC221E-DIR-F120-IN	supported by specification
1.3MP WDR IR Bullet Camera	IPC221E-DIR-F60-IN	supported by specification
1.3MP WDR IR Bullet Camera	IPC221ER-DF36	supported by specification
2MP Fixed Bullet Camera	IPC2222ER5-UPF40-C	supported by specification
2MP Fixed Bullet Camera	IPC2222ER5-UPF60-C	supported by specification
2MP Fixed Bullet Camera	IPC2222SR5-UPF40-B	supported by specification
2MP Fixed Bullet Camera	IPC2222SR5-UPF60-B	supported by specification
4MP WDR Fixed Bullet Camera	IPC2224SR5-DPF40-B	supported by specification
4MP WDR Fixed Bullet Camera	IPC2224SR5-DPF60-B	supported by specification
2MP IR Bullet Camera	IPC222E-IR-F120-IN	supported by specification
2MP IR Bullet Camera	IPC222E-IR-F60-IN	supported by specification
2MP IR Bullet Camera	IPC222ER-F36	supported by specification
1.3MP VF IR Bullet Camera	IPC2321EBR-P	supported by specification
1.3MP VF IR Bullet Camera	IPC2321ER-P	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR5-DPZ28-C	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR5-P-C	supported by specification
2MP Motorized VF IR Bullet Camera	IPC2322EBR-DPZ28	supported by specification
2MP VF IR Bullet Camera	IPC2322EBR-P	supported by specification
2MP VF IR Bullet Camera	IPC2322ER-P	supported by specification
4MP VF IR Bullet Camera	IPC2324EBR-DP	supported by specification
4MP Motorized VF IR Bullet Camera	IPC2324EBR-DPZ28	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
1.3MP WDR Low-light VF IR Bullet Camera	IPC241E-DLIR-IN	supported by specification
1.3MP VF IR Bullet Camera	IPC241E-IR-IN	supported by specification
1.3MP Motorized VF IR Bullet Camera	IPC241E-IR-Z-IN	supported by specification
1.3MP WDR Low-light VF IR Bullet Camera	IPC241ER5-DL	supported by specification
1.3MP VF IR Bullet Camera	IPC241L-IR-IN	supported by specification
2MP WDR Low-light VF IR Bullet Camera	IPC242E-DLIR-IN	supported by specification
2MP VF IR Bullet Camera	IPC242E-IR-IN	supported by specification
2MP Motorized VF IR Bullet Camera	IPC242E-IR-Z-IN	supported by specification
2MP WDR Low-light VF IR Bullet Camera	IPC242ER5-DL	supported by specification
2MP WDR Starlight Motorized VF IR Bullet Camera	IPC242L-IR-IN	supported by specification
2MP 22x WDR Starlight IR Bullet Camera	IPC252ERA-X22DUG	supported by specification
2MP WDR Starlight Full Spectrum AF IR Bullet Camera	IPC262EFW-DUZ	supported by specification
2MP WDR Starlight Motorized VF IR Bullet Camera	IPC262ER9-DUZ	ver.IPC_Q1201-B5012P01D1512
2MP WDR Starlight AF IR Bullet Camera	IPC262ER9-x10DU	supported by specification
2MP WDR Starlight AF IR Bullet Camera	IPC262ER9-x10DUG	supported by specification
4K WDR Ultra-HD VF Bullet Camera	IPC268ER9-DZ	supported by specification
2MP VR IR Fixed Mini Dome Camera	IPC312SR-VPF28	supported by specification
2MP VR IR Fixed Mini Dome Camera	IPC312SR-VPF36	supported by specification
4MP VR IR Fixed Mini Dome Camera	IPC314SR-DVPF28	supported by specification
4MP VR IR Fixed Mini Dome Camera	IPC314SR-DVPF36	supported by specification
1.3MP WDR Vandal-resistant IR Fixed Dome Camera	IPC321E-DIR-F36-IN	supported by specification
1.3MP WDR Vandal-resistant IR Fixed Dome Camera	IPC321E-DIR-F60-IN	supported by specification
1.3MP WDR Vandal-resistant IR Fixed Dome Camera	IPC321ER-DF28	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF28	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF40	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC321SR3-VSPF60	supported by specification
2MP VR IR Fixed Dome Camera	IPC322E-IR-F36-IN	supported by specification
2MP VR IR Fixed Dome Camera	IPC322E-IR-F60-IN	supported by specification
2MP WDR Starlight VR Fixed Dome Camera	IPC322ER3-DUVPF28-B	supported by specification
2MP WDR Starlight VR Fixed Dome Camera	IPC322ER3-DUVPF40-B	supported by specification
2MP VR IR Fixed Dome Camera	IPC322ER-F28	supported by specification
2MP WDR VR Fixed Dome Camera	IPC322SR3-DVSPF28-B	supported by specification
2MP WDR VR Fixed Dome Camera	IPC322SR3-DVSPF40-B	supported by specification
2MP VR Fixed Dome Camera	IPC322SR3-VSPF28-C	supported by specification
2MP VR Fixed Dome Camera	IPC322SR3-VSPF40-C	supported by specification
1.3MP IR Fixed Dome Camera	IPC3231ER-DV	supported by specification
1.3MP IR Fixed Dome Camera	IPC3231ER-VS	supported by specification
2MP WDR Starlight VR IR Fixed Dome Camera	IPC3232ER3-DUV	supported by specification
2MP WDR Starlight VR IR Fixed Dome Camera	IPC3232ER3-DUVZ	supported by specification
2MP WDR Motorized VF VR IR Fixed Dome Camera	IPC3232ER3-DVZ28	supported by specification
2MP WDR Motorized VF VR IR Fixed Dome Camera	IPC3232ER3-DVZ28-C	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-DV	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-DV-C	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-VS	supported by specification
2MP IR Fixed Dome Camera	IPC3232ER-VS-C	supported by specification
4MP WDR Motorized VF IR Fixed Dome Camera	IPC3234SR3-DVZ28	ver.IPC_Q1201-B5012D1512
4MP WDR IR Fixed Dome Camera	IPC3234SR-DV	supported by specification
4K WDR VR VF Dome Camera	IPC3238ER3-DVZ	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF28	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF36	supported by specification
4MP WDR VR IR Fixed Dome Camera	IPC324ER3-DVPF60	supported by specification
1.3MP WDR Low-light VF VR IR Fixed Dome Camera	IPC341E-DLVIR-IN	supported by specification
1.3MP Low-light Motorized VF VR IR Fixed Dome Came	IPC341E-IR-IN	supported by specification
1.3MP Low-light Motorized VF VR IR Fixed Dome Came	IPC341E-VIR-Z-IN	supported by specification
1.3MP VF VR IR Fixed Dome Camera	IPC341LR-V	supported by specification
2MP WDR Low-light VF VR IR Fixed Dome Camera	IPC342E-DLVIR-IN	supported by specification
2MP Low-light Motorized VF VR IR Fixed Dome Camera	IPC342E-VIR-IN	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
2MP Low-light Motorized VF VR IR Fixed Dome Camera	IPC342E-VIR-Z-IN	supported by specification
2MP VF Vandal-resistant IR Fixed Dome Camera	IPC342LR-V	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-F60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611ER3-PF60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-F28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-F60	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF28	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF36	supported by specification
1.3MP IR Fixed Dome Camera	IPC3611SR3-PF60	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF28	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF40	supported by specification
1.3MP VR IR Fixed Dome Camera	IPC3611SR3-VSPF60	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F28	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F36	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-F60	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF28	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28-C	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28M-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF28M-C	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF36	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40-C	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40M-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF40M-C	supported by specification
2MP IR Fixed Dome Camera	IPC3612ER3-PF60	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF60-B	supported by specification
2MP Fixed Dome Camera	IPC3612ER3-PF60M-B	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F28	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F36	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-F60	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF28	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF36	supported by specification
2MP IR Fixed Dome Camera	IPC3612SR3-PF60	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF28	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF28M	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF36	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF36M	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF60	supported by specification
4MP IR Fixed Dome Camera	IPC3614SR3-DPF60M	supported by specification
2MP Fixed Dome Camera	IPC3632ER3-DP228-C	supported by specification
4MP Fixed Dome Camera	IPC3634ER3-DPZ28	supported by specification
1.3MP Low-light Box camera	IPC541E -IN	supported by specification
1.3MP WDR Low-light Box Camera	IPC541E-DLC	supported by specification
1.3MP WDR Low-light Box Camera	IPC541E-DL-IN	supported by specification
1.3MP Low-light Box camera	IPC541E-NL-IN	supported by specification
2MP WDR Low-light Box Camera	IPC542E-DLC	supported by specification
2MP WDR Low-light Box Camera	IPC542E-DL-IN	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
2MP WDR Starlight Box Camera	IPC542E-DU	supported by specification
2MP WDR Starlight Box Camera	IPC542E-DUC	supported by specification
2MP WDR Starlight Box Camera	IPC542E-DUG	supported by specification
2MP Low-light Box Camera	IPC542E-IN	supported by specification
2MP Low-light Box Camera	IPC542E-NL-IN	supported by specification
2MP WDR Starlight Box Camera	IPC562E-DUG	ver.IPC_Q1201_B150801P01
4K Ultra-HD SFP Box Camera	IPC568E-G	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221ER-X20	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221ER-X20P	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6221ER-X30	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6221ER-X30P	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221LR-X20S	supported by specification
1.3MP 20x IR PTZ Dome Camera	IPC6221LR-X20SP	supported by specification
2MP 22x Indoor PTZ Dome Camera	IPC6222EI-X22UP-C	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20-B	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20P	supported by specification
2MP 20x IR PTZ Dome Camera	IPC6222ER-X20P-B	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30-B	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30P	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6222ER-X30P-B	supported by specification
1.3MP 22x IR PTZ Dome Camera	IPC6241SR-X22	supported by specification
1.3MP 30x IR PTZ Dome Camera	IPC6241SR-X30	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SFW-X22U	supported by specification
2MP 22x Laser IR PTZ Dome Camera	IPC6242SL-X22	supported by specification
2MP 33x VF Laser IR PTZ Dome Camera	IPC6242SL-X33	ver.IPC_HCMN1102-F5027D1511
2MP Starlight Laser IR PTZ Dome Camera	IPC6242SL-X33UP	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SR-X22	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SR-X22U	supported by specification
2MP 30x IR PTZ Dome Camera	IPC6242SR-X30	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6242SWH-X22U	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6248SR-X22	supported by specification
2MP 22x IR PTZ Dome Camera	IPC6252SR-X22U	ver.IPC_HCMN2103-B0010D1512
2MP 22x IR PTZ Dome Camera	IPC6252SR-X22UG	supported by specification
2MP 33x Starlight IR Dome Camera	IPC6252SR-X33U	supported by specification
3MP 33x IR PTZ Dome Camera	IPC6253SR-X33	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6258SR-X22P	supported by specification
1.3MP 22x Indoor PTZ Dome Camera	IPC641E-X22I-IN	supported by specification
1.3MP 22x IR PTZ Dome Camera	IPC641E-X22IR-IN	supported by specification
1.3MP 30x Standard PTZ Dome Camera	IPC641E-X30N	supported by specification
2MP 22x Indoor PTZ Dome Camera	IPC642E-X22I-IN	supported by specification
2MP 22x Standard PTZ Dome Camera	IPC642E-X22-IN	supported by specification
2MP 22x IR PTZ Dome Camera	IPC642E-X22IR-IN	supported by specification
2MP 30x Standard PTZ Dome Camera	IPC642E-X30N	supported by specification
2MP 44x Starlight PTZ Dome Camera	IPC6852SR-X44U	supported by specification
4K Ultra-HD IR PTZ Dome Camera	IPC6858SR-X22	supported by specification
2MP 1080P Zoom Lens IR PTZ Camera	IPC742SR9-PZ30-32G	supported by specification
4MP Fixed Lens IR PT Camera	IPC744SR5-PF40-32G	supported by specification
4MP Fixed Lens IR PT Camera	IPC744SR5-PF60-32G	supported by specification



**Preferred Integration Protocol: ONVIF** (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
4MP Fisheye Fixed Dome Camera	IPC814SR-DVPF16	supported by specification
4MP Fisheye Fixed Dome Camera	IPC814SR-DVSPF16	supported by specification
4K Ultra HD VR Fisheye Fixed Dome Camera	IPC868ER-VF18	supported by specification

## Preferred Integration Protocol: SDK (native Verint protocol)

**Video:** All channels available in device; 1 stream; H.264, MPEG-4 codecs

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Verint Encoder	S1100W	ver.3.20
Verint Encoder	S1500E	ver.3.60
Verint Encoder	S1504E	ver.3.60
Verint Encoder	S1508E	ver.3.60
Verint Encoder	S1600E	ver.3.60
Verint Encoder	S1700E	ver.4.0
Verint Encoder	S1704E	ver.4.0
Verint Encoder	S1704E-AS	ver.4.60
Verint Encoder	S1708E	ver.4.0
Verint Encoder	S1708E-AS	ver.4.60
Verint Encoder	S1712E	ver.4.0
Verint Encoder	S1724E	ver.4.0
Verint Encoder	S1801e	supported by specification
Verint Encoder	S1802e	supported by specification
Verint Encoder	S1808e	supported by specification
Verint Encoder	S1816e	supported by specification
Verint Encoder	S1816e-SP	supported by specification
Verint Encoder	S1816e-SR	supported by specification
Verint Encoder	S1900E-AS	ver.4.60
Verint Encoder	S1950E	ver.4.0
Verint Encoder	S1970E	ver.4.0
Verint Encoder	S1970E-R	ver.4.0
Verint Encoder	S2500E	ver.4.0
Verint Fixed Box Camera	S2600E	ver.4.40
Verint Fixed Box Camera	S2600E-AS	ver.4.60
Verint Fixed Box Camera	S2610E	ver.4.40
Verint Fixed Box Camera	S2610E-AS	ver.4.60
Verint Fixed Dome Camera	S2700E	ver.4.40
Verint Fixed Dome Camera	S2700EP	ver.4.40
Verint Fixed Dome Camera	S2700EP-VR	ver.4.40
Verint Fixed Dome Camera	S2700E-VR	ver.4.40

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Compact Cube Camera	CC8160	supported by specification
Vivotek Compact Cube Camera	CC8370-HV	supported by specification
Vivotek Corner Dome Camera	CD8371-HNTV	supported by specification
Vivotek Corner Dome Camera	CD8371-HNVF2	supported by specification
Vivotek Fixed Dome Camera	FD8166A	ver.0303b
Vivotek Fixed Dome Camera	FD8166A-N	supported by specification
Vivotek Fixed Dome Camera	FD8167A	supported by specification
Vivotek Fixed Dome Camera	FD8169A	supported by specification
Vivotek Fixed Dome Camera	FD816BA-HF2	supported by specification
Vivotek Fixed Dome Camera	FD816BA-HT	supported by specification
Vivotek Fixed Dome Camera	FD816B-F2	ver.0301c
Vivotek Fixed Dome Camera	FD816B-HF2	ver.0301c
Vivotek Fixed Dome Camera	FD816B-HT	ver.0301c
Vivotek Fixed Dome Camera	FD816B-T	ver.0301c
Vivotek Fixed Dome Camera	FD816CA-HF2	supported by specification
Vivotek Fixed Dome Camera	FD816C-HF2	ver.0301a
Vivotek Fixed Dome Camera	FD816C-HSF2	supported by specification
Vivotek Fixed Dome Camera	FD816D	supported by specification
Vivotek Fixed Dome Camera	FD8177-H	supported by specification
Vivotek Fixed Dome Camera	FD8179-H	supported by specification
Vivotek Fixed Dome Camera	FD8182-F2	ver.0301a
Vivotek Fixed Dome Camera	FD8182-T	ver.0301a
Vivotek Fixed Dome Camera	FD8184-F2	supported by specification
Vivotek Fixed Dome Camera	FD8366-V	supported by specification
Vivotek Fixed Dome Camera	FD8367A	supported by specification
Vivotek Fixed Dome Camera	FD8367A-V	supported by specification
Vivotek Fixed Dome Camera	FD8369A	supported by specification
Vivotek Fixed Dome Camera	FD8369A-V	supported by specification
Vivotek Fixed Dome Camera	FD836BA-EHTV	supported by specification
Vivotek Fixed Dome Camera	FD836BA-EHVF2	supported by specification
Vivotek Fixed Dome Camera	FD836BA-HTV	supported by specification
Vivotek Fixed Dome Camera	FD836BA-HVF2	supported by specification
Vivotek Fixed Dome Camera	FD836B-EHTV	ver.0303a
Vivotek Fixed Dome Camera	FD836B-EHVF2	ver.0303a
Vivotek Fixed Dome Camera	FD836B-EVF2	supported by specification
Vivotek Fixed Dome Camera	FD836B-HTV	ver.0303a
Vivotek Fixed Dome Camera	FD836B-HVF2	ver.0303a
Vivotek Fixed Dome Camera	FD836B-VF2	supported by specification
Vivotek Fixed Dome Camera	FD8377-HV	supported by specification
Vivotek Fixed Dome Camera	FD8379-HV	supported by specification
Vivotek Fixed Dome Camera	FD8382-ETV	ver.0301a
Vivotek Fixed Dome Camera	FD8382-EVF2	ver.0301a
Vivotek Fixed Dome Camera	FD8382-TV	ver.0301a
Vivotek Fixed Dome Camera	FD8382-VF2	ver.0301a
Vivotek Fixed Dome Camera	FD9171-HT	ver.0302b
Vivotek Fixed Dome Camera	FD9181-HT	supported by specification
Vivotek Fixed Dome Camera	FD9371-EHTV	ver.0302b
Vivotek Fixed Dome Camera	FD9371-HTV	ver.0302b
Vivotek Fixed Dome Camera	FD9381-EHTV	ver.0302b

**Preferred Integration Protocol: ONVIF** (common protocol)

- Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs
- Audio:** All channels available in device; One-way (in); G.711 codec
- PTZ:** Pan, Tilt, Zoom; Presets; Tour
- I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	FD9381-HTV	ver.0302b
Vivotek Fisheye Camera	FE8182	supported by specification
Vivotek Fisheye Camera	FE9181-H	supported by specification
Vivotek Fisheye Camera	FE9182-H	supported by specification
Vivotek Fisheye Camera	FE9191	supported by specification
Vivotek Fisheye Camera	FE9381-EHV	ver.0303b
Vivotek Fisheye Camera	FE9382-EHV	supported by specification
Vivotek Fisheye Camera	FE9391-EV	supported by specification
Vivotek Bullet Camera	IB8367A	supported by specification
Vivotek Bullet Camera	IB8369A	supported by specification
Vivotek Bullet Camera	IB836BA-EHF3	supported by specification
Vivotek Bullet Camera	IB836BA-EHT	supported by specification
Vivotek Bullet Camera	IB836BA-HF3	supported by specification
Vivotek Bullet Camera	IB836BA-HT	supported by specification
Vivotek Bullet Camera	IB836B-EHF3	ver.0301a
Vivotek Bullet Camera	IB836B-EHT	ver.0301a
Vivotek Bullet Camera	IB836B-HF3	ver.0301a
Vivotek Bullet Camera	IB836B-HRF3	ver.0301a
Vivotek Bullet Camera	IB836B-HRT	ver.0301a
Vivotek Bullet Camera	IB836B-HT	supported by specification
Vivotek Bullet Camera	IB836B-RT	ver.0301a
Vivotek Bullet Camera	IB8377-H	supported by specification
Vivotek Bullet Camera	IB8379-H	supported by specification
Vivotek Bullet Camera	IB8382-EF3	ver.0301a
Vivotek Bullet Camera	IB8382-ET	ver.0301a
Vivotek Bullet Camera	IB8382-F3	ver.0301a
Vivotek Bullet Camera	IB8382-RF3	ver.0301a
Vivotek Bullet Camera	IB8382-RT	ver.0301a
Vivotek Bullet Camera	IB8382-T	ver.0301a
Vivotek Bullet Camera	IB9371-EHT	ver.0301c
Vivotek Bullet Camera	IB9371-HRT	supported by specification
Vivotek Bullet Camera	IB9371-HT	ver.0301c
Vivotek Bullet Camera	IB9381-EHT	ver.0302b
Vivotek Bullet Camera	IB9381-HRT	ver.0302b
Vivotek Bullet Camera	IB9381-HT	ver.0302b
Vivotek Compact Cube Camera	IP8160	supported by specification
Vivotek Compact Cube Camera	IP8160-W	supported by specification
Vivotek Box Camera	IP8166	supported by specification
Vivotek Box Camera	IP8166A	supported by specification
Vivotek Box Camera	IP8166A-P	supported by specification
Vivotek Box Camera	IP816D-P	supported by specification
Vivotek Box Camera	IP9171-HP	ver.0301a
Vivotek Box Camera	IP9171-HT	supported by specification
Vivotek Box Camera	IP9181-H	supported by specification
Vivotek Box Camera	IP9181-HP	supported by specification
Vivotek Zoom Bullet Camera	IZ9361-EH	supported by specification
Vivotek Zoom Bullet Camera	IZ9371-EH	supported by specification
Vivotek Mobile Dome Camera	MD8563-EH	supported by specification
Vivotek Mobile Dome Camera	MD8563-EHF2	ver.0303b
Vivotek Mobile Dome Camera	MD8563-EHF4	supported by specification

**Preferred Integration Protocol: ONVIF** (common protocol)

- Video:** All channels available in device; up to 3 streams; H.264, MJPEG codecs
- Audio:** All channels available in device; One-way (in); G.711 codec
- PTZ:** Pan, Tilt, Zoom; Presets; Tour
- I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Mobile Dome Camera	MD8564-EH	supported by specification
Vivotek Mobile Dome Camera	MD8565-N	supported by specification
Vivotek Dome Speed Camera	SD9161-H	supported by specification
Vivotek Dome Speed Camera	SD9361-EH	supported by specification
Vivotek Dome Speed Camera	SD9361-EHL	ver.0303b
Vivotek Dome Speed Camera	SD9362-EH	supported by specification
Vivotek Dome Speed Camera	SD9362-EHL	ver.0303b
Vivotek Dome Speed Camera	SD9363-E	supported by specification
Vivotek Dome Speed Camera	SD9363-EHL	supported by specification
Vivotek Dome Speed Camera	SD9364-EH	supported by specification
Vivotek Dome Speed Camera	SD9364-EHL	supported by specification
Vivotek Dome Speed Camera	SD9366-EHL	supported by specification
Vivotek Thermal Camera	TC9330-EV	supported by specification
Vivotek Split-type Camera	VC8101	ver.0302b

### Preferred Integration Protocol: CGI (native Vivotek protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Compact Cube Camera	CC8130	supported by specification
Vivotek Fixed Dome Camera	FD7130	supported by specification
Vivotek Fixed Dome Camera	FD7131	supported by specification
Vivotek Fixed Dome Camera	FD7132	supported by specification
Vivotek Fixed Dome Camera	FD7141	supported by specification
Vivotek Fixed Dome Camera	FD7141V	supported by specification
Vivotek Fixed Dome Camera	FD7160	supported by specification
Vivotek Fixed Dome Camera	FD7560D	supported by specification
Vivotek Fixed Dome Camera	FD8131	ver.0200d
Vivotek Fixed Dome Camera	FD8131V	supported by specification
Vivotek Fixed Dome Camera	FD8133	supported by specification
Vivotek Fixed Dome Camera	FD8133V	supported by specification
Vivotek Fixed Dome Camera	FD8134	supported by specification
Vivotek Fixed Dome Camera	FD8134V	supported by specification
Vivotek Fixed Dome Camera	FD8135H	supported by specification
Vivotek Fixed Dome Camera	FD8136-F2	supported by specification
Vivotek Fixed Dome Camera	FD8137H	supported by specification
Vivotek Fixed Dome Camera	FD8137HV	supported by specification
Vivotek Fixed Dome Camera	FD8138-H	supported by specification
Vivotek Fixed Dome Camera	FD8151V-F2	supported by specification
Vivotek Fixed Dome Camera	FD8152V-F2	supported by specification
Vivotek Fixed Dome Camera	FD8154-F2	supported by specification
Vivotek Fixed Dome Camera	FD8154V-F2	supported by specification
Vivotek Fixed Dome Camera	FD8155H	supported by specification
Vivotek Fixed Dome Camera	FD8156	supported by specification
Vivotek Fixed Dome Camera	FD8161	supported by specification
Vivotek Fixed Dome Camera	FD8162	supported by specification
Vivotek Fixed Dome Camera	FD8162V	supported by specification
Vivotek Fixed Dome Camera	FD8163	supported by specification
Vivotek Fixed Dome Camera	FD8164-F2	supported by specification
Vivotek Fixed Dome Camera	FD8164V-F2	supported by specification
Vivotek Fixed Dome Camera	FD8165H	supported by specification
Vivotek Fixed Dome Camera	FD8166	supported by specification
Vivotek Fixed Dome Camera	FD8167	supported by specification
Vivotek Fixed Dome Camera	FD8167-T	supported by specification
Vivotek Fixed Dome Camera	FD8168	supported by specification
Vivotek Fixed Dome Camera	FD8169	supported by specification
Vivotek Fixed Dome Camera	FD8171	supported by specification
Vivotek Fixed Dome Camera	FD8173-H	supported by specification
Vivotek Fixed Dome Camera	FD8181	supported by specification
Vivotek Fixed Dome Camera	FD8335H	supported by specification
Vivotek Fixed Dome Camera	FD8338-H	supported by specification
Vivotek Fixed Dome Camera	FD8338-HV	supported by specification
Vivotek Fixed Dome Camera	FD8355EHV	supported by specification
Vivotek Fixed Dome Camera	FD8355HV	supported by specification
Vivotek Fixed Dome Camera	FD8361	supported by specification
Vivotek Fixed Dome Camera	FD8361L	supported by specification
Vivotek Fixed Dome Camera	FD8362	supported by specification
Vivotek Fixed Dome Camera	FD8362E	supported by specification
Vivotek Fixed Dome Camera	FD8363	supported by specification

**Preferred Integration Protocol: CGI** (native Vivotek protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in): G.711 codec

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Fixed Dome Camera	FD8365EHV	supported by specification
Vivotek Fixed Dome Camera	FD8365HV	supported by specification
Vivotek Fixed Dome Camera	FD8367-TV	supported by specification
Vivotek Fixed Dome Camera	FD8367-V	supported by specification
Vivotek Fixed Dome Camera	FD8371EV	supported by specification
Vivotek Fixed Dome Camera	FD8371V	supported by specification
Vivotek Fixed Dome Camera	FD8372	supported by specification
Vivotek Fixed Dome Camera	FD8373-EHV	supported by specification
Vivotek Fixed Dome Camera	FD8373-HV	supported by specification
Vivotek Fixed Dome Camera	FD8381-EV	supported by specification
Vivotek Fixed Dome Camera	FD8381-V	supported by specification
Vivotek Fisheye Camera	FE8171V	supported by specification
Vivotek Fisheye Camera	FE8172	supported by specification
Vivotek Fisheye Camera	FE8172V	supported by specification
Vivotek Fisheye Camera	FE8173	supported by specification
Vivotek Fisheye Camera	FE8174	supported by specification
Vivotek Fisheye Camera	FE8174V	supported by specification
Vivotek Fisheye Camera	FE8180	supported by specification
Vivotek Fisheye Camera	FE8181	supported by specification
Vivotek Fisheye Camera	FE8181V	supported by specification
Vivotek Fisheye Camera	FE8191	supported by specification
Vivotek Fisheye Camera	FE8391-V	supported by specification
Vivotek Bullet Camera	IB8156	supported by specification
Vivotek Bullet Camera	IB8168	supported by specification
Vivotek Bullet Camera	IB8338-H	supported by specification
Vivotek Bullet Camera	IB8338-HR	supported by specification
Vivotek Bullet Camera	IB8354-C	supported by specification
Vivotek Bullet Camera	IB8367	supported by specification
Vivotek Bullet Camera	IB8367-R	supported by specification
Vivotek Bullet Camera	IB8367-RT	supported by specification
Vivotek Bullet Camera	IB8367-T	supported by specification
Vivotek Bullet Camera	IB8369	supported by specification
Vivotek Bullet Camera	IB8373-EH	supported by specification
Vivotek Bullet Camera	IB8381	supported by specification
Vivotek Bullet Camera	IB8381-E	supported by specification
Vivotek Bullet Camera	IB8391-E	supported by specification
Vivotek Box Camera	IP7130	supported by specification
Vivotek Box Camera	IP7131	supported by specification
Vivotek Box Camera	IP7132	supported by specification
Vivotek Box Camera	IP7133	supported by specification
Vivotek Box Camera	IP7134	ver.0100b
Vivotek Box Camera	IP7135	supported by specification
Vivotek Box Camera	IP7137	supported by specification
Vivotek Box Camera	IP7138	supported by specification
Vivotek Box Camera	IP7139	supported by specification
Vivotek Box Camera	IP7142	supported by specification
Vivotek Box Camera	IP7151	supported by specification
Vivotek Box Camera	IP7152	supported by specification
Vivotek Box Camera	IP7153	supported by specification
Vivotek Box Camera	IP7154	supported by specification
Vivotek Box Camera	IP7160	supported by specification

**Preferred Integration Protocol: CGI** (native Vivotek protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in): G.711 codec

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Box Camera	IP7161	ver.0101c
Vivotek Box Camera	IP7251	supported by specification
Vivotek Box Camera	IP7330	supported by specification
Vivotek Box Camera	IP7361	supported by specification
Vivotek Box Camera	IP8130	supported by specification
Vivotek Box Camera	IP8130W	supported by specification
Vivotek Box Camera	IP8131	supported by specification
Vivotek Box Camera	IP8131W	supported by specification
Vivotek Box Camera	IP8132	supported by specification
Vivotek Box Camera	IP8133	supported by specification
Vivotek Box Camera	IP8133W	supported by specification
Vivotek Box Camera	IP8151	ver.0300c
Vivotek Box Camera	IP8151P	supported by specification
Vivotek Box Camera	IP8152	supported by specification
Vivotek Box Camera	IP8152-F4	supported by specification
Vivotek Box Camera	IP8155HP	supported by specification
Vivotek Box Camera	IP8161	supported by specification
Vivotek Box Camera	IP8162	supported by specification
Vivotek Box Camera	IP8162P	supported by specification
Vivotek Box Camera	IP8165HP	supported by specification
Vivotek Box Camera	IP816A-HP	supported by specification
Vivotek Box Camera	IP816A-LPC	supported by specification
Vivotek Box Camera	IP816A-LPC (Parking)	supported by specification
Vivotek Box Camera	IP816A-LPC (Street)	supported by specification
Vivotek Box Camera	IP8172	supported by specification
Vivotek Box Camera	IP8172P	supported by specification
Vivotek Box Camera	IP8173H	supported by specification
Vivotek Box Camera	IP8330	supported by specification
Vivotek Box Camera	IP8331	supported by specification
Vivotek Box Camera	IP8332	supported by specification
Vivotek Box Camera	IP8332-C	supported by specification
Vivotek Box Camera	IP8335H	supported by specification
Vivotek Box Camera	IP8336W	supported by specification
Vivotek Box Camera	IP8337H-C	supported by specification
Vivotek Box Camera	IP8352	supported by specification
Vivotek Box Camera	IP8355EH	supported by specification
Vivotek Box Camera	IP8355H	supported by specification
Vivotek Box Camera	IP8361	supported by specification
Vivotek Box Camera	IP8362	supported by specification
Vivotek Box Camera	IP8364-C	supported by specification
Vivotek Box Camera	IP8365EH	supported by specification
Vivotek Box Camera	IP8365H	supported by specification
Vivotek Box Camera	IP8371	supported by specification
Vivotek Box Camera	IP8371E	supported by specification
Vivotek Box Camera	IP8372	supported by specification
Vivotek Zoom Bullet Camera	IZ7151	supported by specification
Vivotek Mobile Dome Camera	MD7530	supported by specification
Vivotek Mobile Dome Camera	MD7530D	supported by specification
Vivotek Mobile Dome Camera	MD7560	supported by specification
Vivotek Mobile Dome Camera	MD7560D	supported by specification
Vivotek Mobile Dome Camera	MD8531H	supported by specification



**Preferred Integration Protocol: CGI (native Vivotek protocol)**

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in): G.711 codec

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP (might support less features than preferred integration protocol).**

Product Line	Model	Supported Firmware
Vivotek Mobile Dome Camera	MD8562	supported by specification
Vivotek Mobile Dome Camera	MD8562D	supported by specification
Vivotek Multiple Sensor Camera	MS8391-EV	supported by specification
Vivotek Pan/Tilt Dome Camera	PD8136	supported by specification
Vivotek Pan/Tilt Camera	PT7000	supported by specification
Vivotek Pan/Tilt Camera	PT7135	supported by specification
Vivotek Pan/Tilt Camera	PT7137	supported by specification
Vivotek Pan/Tilt Camera	PT8133	supported by specification
Vivotek Pan/Tilt Camera	PT8133W	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7111	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7112	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7121	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7122	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7131	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7132	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7151	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ7152	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ8111	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ8111W	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ8121	supported by specification
Vivotek Pan/Tilt/Zoom Camera	PZ8121W	supported by specification
Vivotek Dome Speed Camera	SD7151	supported by specification
Vivotek Dome Speed Camera	SD7313	supported by specification
Vivotek Dome Speed Camera	SD7323	supported by specification
Vivotek Dome Speed Camera	SD7333	supported by specification
Vivotek Dome Speed Camera	SD8111	supported by specification
Vivotek Dome Speed Camera	SD8121	supported by specification
Vivotek Dome Speed Camera	SD8161	supported by specification
Vivotek Dome Speed Camera	SD8311E	supported by specification
Vivotek Dome Speed Camera	SD8312E	supported by specification
Vivotek Dome Speed Camera	SD8313E	supported by specification
Vivotek Dome Speed Camera	SD8314E	supported by specification
Vivotek Dome Speed Camera	SD8316E	supported by specification
Vivotek Dome Speed Camera	SD8321E	supported by specification
Vivotek Dome Speed Camera	SD8322E	supported by specification
Vivotek Dome Speed Camera	SD8323E	supported by specification
Vivotek Dome Speed Camera	SD8324E	supported by specification
Vivotek Dome Speed Camera	SD8326E	supported by specification
Vivotek Dome Speed Camera	SD8331E	supported by specification
Vivotek Dome Speed Camera	SD8332E	supported by specification
Vivotek Dome Speed Camera	SD8333-E	supported by specification
Vivotek Dome Speed Camera	SD8362E	supported by specification
Vivotek Dome Speed Camera	SD8363E	supported by specification
Vivotek Dome Speed Camera	SD8364E	supported by specification
Vivotek Dome Speed Camera	SD8365-EH	supported by specification
Vivotek Dome Speed Camera	SD8366-EH	supported by specification
Vivotek System Fisheye Camera	SF8172	supported by specification
Vivotek System Fisheye Camera	SF8172V	supported by specification
Vivotek System Fisheye Camera	SF8174	supported by specification
Vivotek System Fisheye Camera	SF8174V	supported by specification
Vivotek Split-type Camera	VC8201	supported by specification

**Preferred Integration Protocol: CGI** (native Vivotek protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: ONVIF, RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Vivotek Video Server	VS7100	supported by specification
Vivotek Video Server	VS8100	supported by specification
Vivotek Video Server	VS8102	supported by specification
Vivotek Video Server	VS8401	supported by specification
Vivotek Video Server	VS8801	supported by specification

## Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
XTS Fixed Box Camera	XTS-BC1.3DN30	supported by specification
XTS Fixed Box Camera	XTS-BC2MPDN	supported by specification
XTS Fixed Box Camera	XTS-BC3MPDN	supported by specification
XTS Fixed Box Camera	XTS-BC5MPDN	ver. 1.1.3
XTS Fixed Box Camera	XTS-BC600DN-IP	supported by specification
XTS Fixed Box Camera	XTS-BC600-IP	supported by specification
XTS Fixed Box Camera	XTS-BCVGADN-IP	supported by specification
XTS Fixed Box Camera	XTS-BCVGA-IP	supported by specification
XTS Fixed Bullet Camera	XTS-BU1.3MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU1.3MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU2MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU3MPB	supported by specification
XTS Fixed Bullet Camera	XTS-BU3MPDNVF	supported by specification
XTS Fixed Bullet Camera	XTS-BU540VF-IP	supported by specification
XTS Fixed Bullet Camera	XTS-BU5MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDI1.3MP	supported by specification
XTS Fixed Dome Camera	XTS-MDI13DNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDI2MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDI3MP-WDR	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3DNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP1.3MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP13MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP2MPDN	supported by specification
XTS Fixed Dome Camera	XTS-MDVP2MPDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP3MDNVF	supported by specification
XTS Fixed Dome Camera	XTS-MDVP3MDNVFIR-WDR	supported by specification
XTS Fixed Dome Camera	XTS-MDVP5MPDN-4	supported by specification
XTS Encoder	XTS-NVS-1	supported by specification
XTS Encoder	XTS-NVS11	supported by specification
XTS Encoder	XTS-NVS11A	supported by specification
XTS PTZ Dome Camera	XTS-SD10XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD18XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD20XDN2MP-WIP	ver. 1.1.3
XTS PTZ Dome Camera	XTS-SD28XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDN-WIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDNWPIRIP	supported by specification
XTS PTZ Dome Camera	XTS-SD36XDNWVIP	supported by specification

### Preferred Integration Protocol: ONVIF (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**PTZ:** Pan, Tilt, Zoom; Presets; Tour

**I/O:** Outputs

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

**Alternative Supported Protocols: RTSP** (might support less features than preferred integration protocol).

Product Line	Model	Supported Firmware
Yudor Fixed Box Camera	YUC-H623	supported by specification
Yudor Fixed Box Camera	YUC-H675	supported by specification
Yudor Fixed Box Camera	YUC-H686	supported by specification
Yudor Fixed Box Camera	YUC-H696	supported by specification
Yudor Fixed Box Camera	YUC-H763R	supported by specification
Yudor Fixed Box Camera	YUC-H766R	supported by specification
Yudor Fixed Box Camera	YUC-H793R	supported by specification
Yudor Fixed Box Camera	YUC-H796R	supported by specification
Yudor Fixed Box Camera	YUC-H7975-312	supported by specification
Yudor Fixed Box Camera	YUC-H7986	supported by specification
Yudor Fixed Box Camera	YUC-HA85	supported by specification
Yudor Fixed Box Camera	YUC-HD85P	supported by specification
Yudor PTZ Dome Camera	YUC-HEV27-O	supported by specification
Yudor PTZ Dome Camera	YUC-HEV36-O	supported by specification
Yudor PTZ Dome Camera	YUC-HEV37-O	supported by specification
Yudor Fixed Dome Camera	YUC-Hi23R	supported by specification
Yudor Fixed Dome Camera	YUC-Hi75-312	supported by specification
Yudor Fixed Dome Camera	YUC-Hi86	supported by specification
Yudor Fixed Dome Camera	YUC-Hi96R	supported by specification
Yudor Fixed Dome Camera	YUC-HK85P	supported by specification
Yudor Fixed Dome Camera	YUC-HM85P	supported by specification
Yudor Fixed Dome Camera	YUC-HM85P-210	supported by specification
Yudor Fixed Dome Camera	YUC-HM93	supported by specification
Yudor Fixed Dome Camera	YUC-HM96	supported by specification
Yudor Fixed Dome Camera	YUC-HM96-279	supported by specification
Yudor Fixed Dome Camera	YUC-HN85P	supported by specification
Yudor Fixed Dome Camera	YUC-HNi85	supported by specification
Yudor Fixed Dome Camera	YUC-HO96	supported by specification
Yudor Fixed Box Camera	YUC-HS85	supported by specification
Yudor Fixed Box Camera	YUC-HS94A	supported by specification
Yudor Fixed Box Camera	YUC-HS95	supported by specification
Yudor Fixed Box Camera	YUC-HS96	supported by specification

### Preferred Integration Protocol: GenericRTSP (common protocol)

**Video:** All channels available in device; up to 3 streams; H.264, MPEG-4, MJPEG codecs

**Audio:** All channels available in device; One-way (in); G.711 codec

**Note:** Features listed above are those supported by SecurOS through the preferred protocol. For specific features supported by a particular camera please refer to the camera manufacturer's documentation.

Product Line	Model	Supported Firmware
Zavio Fixed Bullet Camera	B5110	ver.MG.1.6.03P8
Zavio Fixed Bullet Camera	B7210	ver.M2.1.6.01
Zavio Fixed Dome Camera	D5110	ver.MG.1.6.03P3_r1072
Zavio Fixed Dome Camera	D5111	supported by specification
Zavio Fixed Dome Camera	D5113	supported by specification
Zavio Fixed Dome Camera	D5210	supported by specification
Zavio Fixed Dome Camera	D7110	supported by specification
Zavio Fixed Dome Camera	D7111	ver.M2.1.6.01C306
Zavio Fixed Dome Camera	D7210	ver.M2.1.6.01
Zavio Fixed Box Camera	F1100	ver.BP.1.6.01_C7_R773
Zavio Fixed Box Camera	F1105	supported by specification
Zavio Fixed Box Camera	F210A	ver.LM.1.6.18P10
Zavio Fixed Box Camera	F3000	supported by specification
Zavio Fixed Box Camera	F3005	supported by specification
Zavio Fixed Box Camera	F3101	ver.MG.1.6.03P8
Zavio Fixed Box Camera	F3102	supported by specification
Zavio Fixed Box Camera	F3106	supported by specification
Zavio Fixed Box Camera	F3107	supported by specification
Zavio Fixed Box Camera	F3110	ver.M2.1.6.0
Zavio Fixed Box Camera	F3115	supported by specification
Zavio Fixed Box Camera	F312A	supported by specification
Zavio Fixed Box Camera	F3201	ver.M2.1.6.01
Zavio Fixed Box Camera	F3206	supported by specification
Zavio Fixed Box Camera	F3210	supported by specification
Zavio Fixed Bullet Camera	F531E	ver.LM.1.6.18P10
Zavio Fixed Box Camera	F7110	ver.MG.1.6.03P8
Zavio Fixed Box Camera	F7115	supported by specification
Zavio Fixed Box Camera	F7210	ver.M2.1.6.01
Zavio Fixed Bullet Camera	F731E	supported by specification

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**Joysticks and control boards**

Manufacturer	Model	Device type	Connection type
AXIS	AXIS 295	Joystick	USB
AXIS	AXIS T8310	Keyboard	USB
Bosch	IntuiKey Keyboard	Keyboard	Serial
CH Products	IP DESKTOP	Joystick	USB
Panasonic	WV-CU950	Keyboard	Ethernet
Pelco	KBD300A	Keyboard	Serial
Hanwha	SPC-2000	Joystick	USB
Hikvision	DS-1100KI	Keyboard	Ethernet
Vivotek	IPD-USB	Joystick	USB

**I/O devices**

Manufacturer	Model	Device type	Connection type
AXIS	A9188	Input/Output	Ethernet
MOXA	ioLogik E2210 Series	Input/Output	Ethernet
MOXA	ioLogik E2212 Series	Input/Output	Ethernet

**Audio devices**

Manufacturer	Model	Device type	Connection type
AXIS	AXIS C1004-E / C2005 / C3003-E	Network speakers	Ethernet

**Video walls**

Manufacturer	Model	Device type	Connection type
Barco	TransForm A	video wall controller	Ethernet

**Weight scales**

Manufacturer	Model	Device type	Connection type
TENSO-M	Truck scales VA	truck scales	Serial

**LED information panels**

Manufacturer	Model	Device type	Connection type
ELTABLO	"Creeping line" (P5C-xxx-xxxx)	electronic moving text	USB/Serial

**Access Control Systems**

Manufacturer	Model	Device type	Connection type
AXIS	AXIS A1001	network door controller	ISS Light Integration
AMAG	Symmetry (version 8.1 and higher)	software	API/SDK
Bosch	Bosch APE (version 3.5 and higher)	software	API/SDK
Bolid	ORION PRO (version 1.11, release 2)	software	API/SDK
Falco System	FalcoWEB (version 5.0.08)	software	ISS Light Integration
FortNet	FortNet (version 1.4.2.15)	software	API/SDK
Isonas	Crystal Matrix (v.20.06.04)	software	ISS Light Integration
Next Level	NLSS Access Control	software	ISS Light Integration
RBH-Access	AxiomV (v.5.2.84 release 3)	software	ISS Light Integration
RusGuard	RusGuardSoft (version 1.10.0)	software	ISS Light Integration/SDK
S2 Security	S2 NetBox (version 4.4)	software	ISS Light Integration
Software House	C-Cure 9000 v2.40 & v2.50	software	API
Vault	Vault: SCAIIP v 5.0.8	software	ISS Light Integration

**Perimeter Security Systems**

Manufacturer	Model	Device type	Connection type
Fiber SenSys	Fiber SenSys FD340 Series	software	ISS Light Integration

#### Radiation and Gas controls

Manufacturer	Model	Device type	Connection type
ASPECT	RM-1SM (PM-1CM)	radiation monitor	RS485
INKRAM	SRCC Chrysanthemum	gas monitor	Ethernet