

# Evolution 05 Mini 360° Recessed Camera

The next step in 360° total situational awareness

### 5 MP sensor and no moving parts

- Constant 360° surveillance with no blind spots
- No moving parts, no maintenance and silent operation
- Up to 30 fps video stream at 1 MP and 1/4 MP
- 0.2 lux minimum illumination and electronic WDR
- PoE powered
- 5-year warranty

#### Advanced features

- microSD card slot for local event recording
- · Configurable privacy regions
- Polygonal Video Motion Detection regions

### A truly discreet installation

- Simple and fast installation from below the ceiling line
- Ultra low profile, blends into the installation environment
- Suitable for installation in air handling / plenum spaces
- Spray-paint to match your environment
- 108 mm (4.25 in.) drilling hole
- Fits up to 25 mm (1 in.) panel thickness

### 



EVO-05-LRD - White

## Extensive VMS/NVR platform integration with Oncam SDK

- · Market leading Oncam 3D dewarping software
- · Full live and retrospective dewarping available
- · Camera features are accessible through VMS platforms
- · Simultaneous multiple video streams
- 10x digital zoom capability through client-side dewarping
- H.264 / MJPEG streaming with multiple quality levels
- Optimizes bandwidth and storage utilization
- · Intuitive web-based interface for viewing and configuration
- Supported by major VMS / NVR systems
- · ONVIF profile S and G conformant

# Evolution 05 Mini



### 360° Recessed Camera

The next step in 360° total situational awareness

White Balance Range Auto White Balance (Range = approximately 2500 K-8000 K)  Video Video Stream 1 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 1 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 1 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), ½ MP (528 x 480) Video Stream 2 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 2 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 2 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), ½ MP (528 x 480) Video Stream 3 Codec MJPEG Video Stream 3 Codec MJPEG Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), ½ MP (528 x 480) Video Stream 3 Compression Level Video Stream 3 Compression Level Video Stream 3 Pixel Resolution Fisheye at: ½ MP (528 x 480) Maximum Frame Rate  30 fps Image Control Settings: brightness / contrast / saturation / exposure compensation, compression quality and wall / ceiling / table mount Image Enhancement Electronic WDR 60dB PTZ Functionality 10x zoom with Oncam 3D client-side dewarping software VMS / NVR Support Contact Oncam Sales for the supported VMS / NVR list Web Browser Compatibility Internet Explorer 9, Edge 25, Firefox 23 and Chrome 29 or above. Plug-in required for full function ity Unicast Up to 20 simultaneous users depending on the resolution settings Multicast  Video Stream 3 Codec Up to 20 simultaneous users depending on the resolution settings	Model	EVO-05-LRD (White)
Image Sensor  2592 H x 1944 V, 5 MP, 1/2.5-inch CMOS Sensor  185° / F2.0  Minimum Illumination  0.2 lux = 50 IRE F/2.0 (6500 K)  Frame Rate  30 fps for 1 MP and ¼ MP resolution 15 fps for 2 MP resolution 10 fps for 4 MP full resolution 8 configurable regions Security  Configurable password protection and 802.1x  Advanced Event Management Triggered by motion, HTTP event, result configurable, FTP/SMTP upload and local recording Networking TCP/IP, HTTP, DHCP, DNS, NTP, FTP, SMTP, RTSP, uPNP and SNMP Privacy Regions 10 configurable privacy regions microSD Card Built-in microSD card slot. Supports cards up to 128 GB capacity, Speed class 10 or higher regions microSD Card White Balance Range  Note of the support of the sup	General	
Lens 185° / F2.0  185° / F2.0  185° / F2.0  185° / F2.0  186° / F2.0 (6500 K)  Frame Rate 20.2 lix = 50 liRE F/2.0 (6500 K)  Frame Rate 30 fps for 1 MP and 1 kMP resolution 15 fps for 2 MP resolution 10 lps for 4 MP full resolution 10 lps for 4 MP tull resolution  Recurity Configurable regions Security Configurable password protection and 802.1x Advanced Event Management Triggered by motion, HTTP event, result configurable, FTP/SMTP upload and local recording Networking TCP/IP, HTTP, DHCP, DNS, NTP, FTP, SMTP, RTSP, uPNP and SNMP Privacy Regions 10 configurable privacy regions microSD Card Stot. Supports cards up to 128 GB capacity. Speed class 10 or higher req SD Card recording and ONVIP G. White Balance Range Auto White Balance (Range = approximately 2500 K-8000 K)  Video Video Stream 1 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 1 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 1 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), 1 MP (528 x 480)  Video Stream 2 Codec H.264 High, Level 5 / MJPEG (stream configurable) Video Stream 2 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), 1 MP (528 x 480)  Video Stream 3 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 3 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), 1 MP (528 x 480)  Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Video Stream 3 Pixel Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), 1 MP (528 x 480)  Video Stream 3 Codec Fisher Resolution Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488	Lens Field of View	180º Horizontal, 168º Vertical
Minimum Illumination  0.2 Lix = 50 IRE F/2.0 (6500 K)  30 fps for 1 MP and 16 MP resolution 15 fps for 2 MP resolution 10 fps for 4 MP full resolution 10 fps for 5 MP full resolution 11 fps fps fps for 2 MP full resolution 12 fps fps fps fps for 2 MP full resolution 13 fps	Image Sensor	
Frame Rate  30 fps for 1 MP and ¼ MP resolution 15 fps for 2 MP resolution 10 fps for 4 MP full resolution 8 configurable regions Security Configurable password protection and 802.1x Triggered by motion, HTTP event, result configurable, FTP/SMTP upload and local recording Networking TCP/IP, HTTP, DHCP, DNS, NTP, FTP, SMTP, RTSP, uPNP and SNMP Privacy Regions microSD Card Built-in microSD card slot. Supports cards up to 128 GB capacity. Speed class 10 or higher required SD Card recording and ONVIF 6. White Balance Range Auto White Balance (Range = approximately 2500 K-8000 K)  Video Video Video Stream 1 Codec Video Stream 1 Compression Level Video Stream 2 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 2 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 2 Codec H.264 High, Level 5 / MJPEG (streams configurable) Video Stream 2 Compression Level Video Stream 2 Compression Level Video Stream 3 Compression Level Multi-levels of compression and frame rate adjustment Fisheyes at: 4 MP (2144 x 1944), 2 MP (1488 x 1360), 1 MP (1056 x 960), ½ MP (528 x 480) Video Stream 3 Codec MJEG MJEG MJEG MJEG MJEG MJEG MJEG MJEG	Lens	
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Advanced Event Management  Triggered by motion, HTTP event, result configurable, FTP/SMTP upload and local recording  TCP/IP, HTTP, DHCP, DNS, NTP, FTP, SMTP, uPNP and SNMP  Privacy Regions  microSD Card  Built-in microSD card slot. Supports cards up to 128 GB capacity. Speed class 10 or higher required for higher required for full functional for the support of th	Video Motion Detection	8 configurable regions
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Multicast Supported for all H.264 camera streams  Bit Rate Control Options include Variable Bit Rate Controls, Constant Bit Rate Control and Constant Quality Co	Web Browser Compatibility	Internet Explorer 9, Edge 25, Firefox 23 and Chrome 29 or above. Plug-in required for full functionality
Bit Rate Control  Options include Variable Bit Rate Controls, Constant Bit Rate Control and Constant Quality Co	Unicast	Up to 20 simultaneous users depending on the resolution settings
	Multicast	Supported for all H.264 camera streams
Electrical	Bit Rate Control	Options include Variable Bit Rate Controls, Constant Bit Rate Control and Constant Quality Control
	Electrical	
Connection Flying lead - RJ45 plug	Connection	Flying lead - RJ45 plug
Network Cable Type CAT5 or better for 100Base-TX	Network Cable Type	CAT5 or better for 100Base-TX
Power Input Power over Ethernet (PoE), IEEE standard 802.3af	Power Input	Power over Ethernet (PoE), IEEE standard 802.3af
Power Consumption (maximum) 4.13 W	Power Consumption (maximum)	4.13 W

# **Evolution 05 Mini**



### 360° Recessed Camera

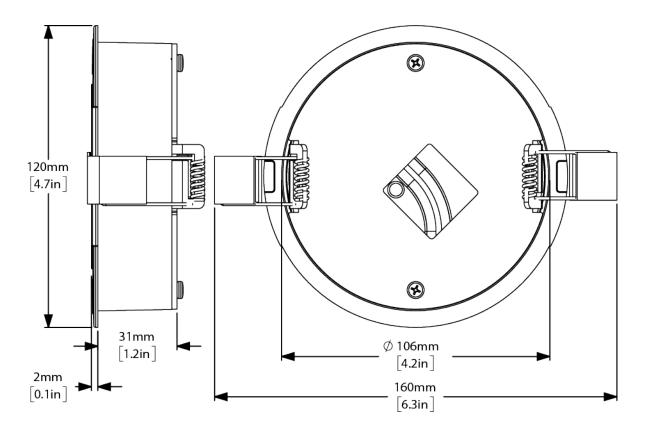
The next step in 360° total situational awareness

Mechanical	
Camera Mount	Recessed mount
Weight	0.30 kg (.66 lbs)
Dimensions (Diameter x Depth)	120 x 31 mm (4.7 x 1.2 in.)
Housing Material	Polymer

Environmental	
Operating Temperature Range	0 to +40° C (-32 to +104° F)
Operating Humidity	Up to 98% non-condensing
Ingress Protection	IP40

Certifications	
Approvals	IEEE802.3af, CE, AS/NZS CISPR 32:2015/COR1:2016, CISPR 24:2010 +A1:2015 (Class A), FCC, ICES-003 Issue 6-2016, KCC, CU, RCM, SASO, IP40, UL 2043, UL 60950-1(ed.2) & CAN/CSA C22.2 No. 60950-1-07, UL/IEC 62368-1, RoHS, REACH

#### Dimensions



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