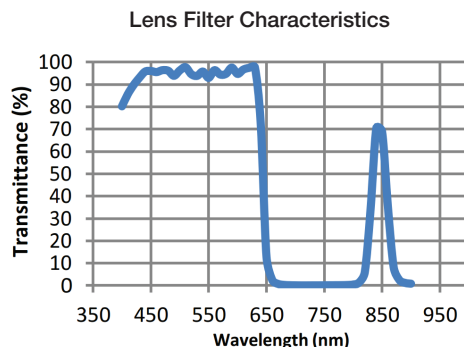# Evolution 05 Mini

360° **Night** 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 ¼ MP
- 0.2 lux minimum illumination and electronic WDR
- PoE powered
- 5-year warranty

IR optical filter

- Visible light + near infrared pass-band at 850 NM

Lens Filter Characteristics

ONVIF® | G S

EVO-05-LIN - White

Advanced features

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

Multiple interior mount options

- Quick and easy installation
- Clean and simple design
- Convenient surface-mounting enclosure
- Range of accessories provide multiple mounting possibilities including ceiling, wall and pendant
- Enclosure available in White

Extensive VMS/NVR platform integration with Oncam SDK

- Market leading Oncam Grandeye 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

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Model	EVO-05-LIN (White)
General	
Lens Field of View	180º Horizontal, 168º Vertical
Image Sensor	2592 H x 1944 V, 5 MP, 1/2.5-inch CMOS Sensor
Lens	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
Video Motion Detection	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 required SD Card recording and ONVIF 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), ¼ 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), ¼ MP (528 x 480)
Video Stream 3 Codec	MJPEG
Video Stream 3 Compression Level	Multi-levels of compression and frame rate adjustment
Video Stream 3 Pixel Resolution	Fisheye at: ¼ 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 functionality
Unicast	Up to 20 simultaneous users depending on the resolution settings
Multicast	Supported for all H.264 camera streams
Bit Rate Control	Options include Variable Bit Rate Controls, Constant Bit Rate Control and Constant Quality Control
Electrical	
Connection	Flying lead - RJ45 plug
Network Cable Type	CAT5 or better for 100Base-TX
Power Input	Power over Ethernet (PoE), IEEE standard 802.3af
Power Consumption (maximum)	4.13 W

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Mechanical	
Camera Mount	Surface mount
Weight	0.22 kg (0.48 lbs)
Dimensions (Diameter x Depth)	107 mm (4.2 in.) x 34 mm (1.3 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 60950-1(ed.2) & CAN/CSA C22.2 No. 60950-1-07, UL/IEC 62368-1, RoHS, REACH

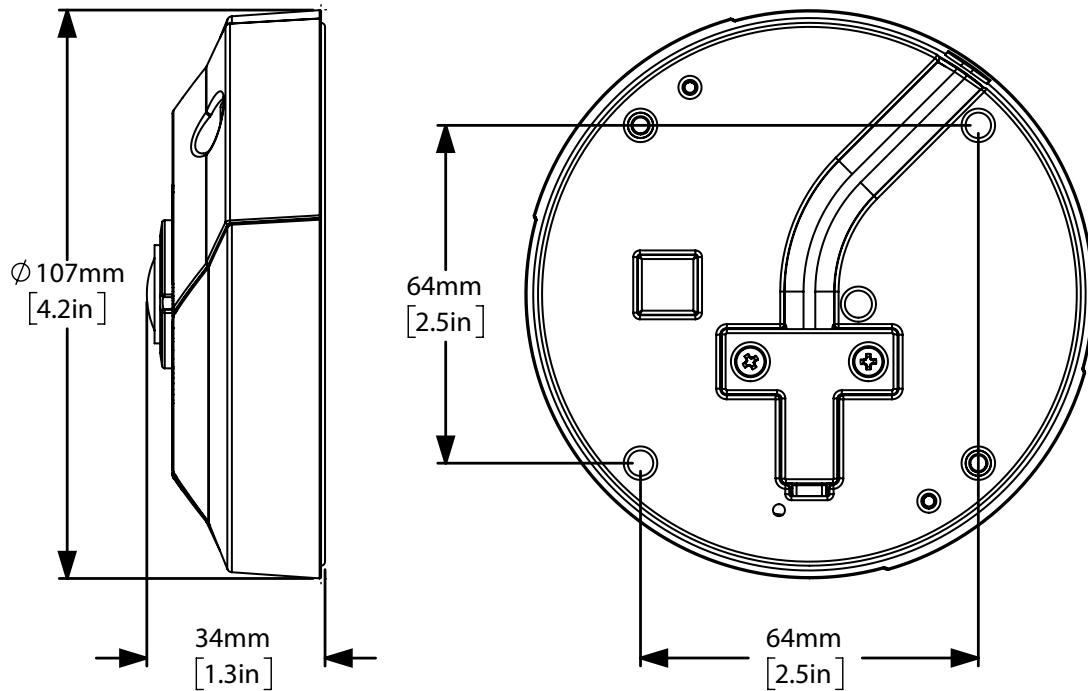| Accessories		
	Part Number	Description
	OBE-11-IWA (White)	IK10+ vandal resistant bubble trim The bubble trim is made of optical grade polymer.
	OBE-16-OWA (White)	M20 conduit back box Fitted for the camera back and provides three entry points for easy cabling through M20 size conduits. Coil excess cable within back box.
	OBE-13-IBA	Pendant Mount Adapter M32 female thread; supplied with M32 to 1½ NPT male thread adaptor. Fit onto the camera back.
	OBE-17-IWA (White)	Indoor Mounting Kit Includes a Pendant Mount Adapter and Conduit Back Box.

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ONCAM

Dimensions

Ø 107mm [4.2in]

34mm [1.3in]

64mm [2.5in]

64mm [2.5in]

EVO-05-L#N-02_2020.11