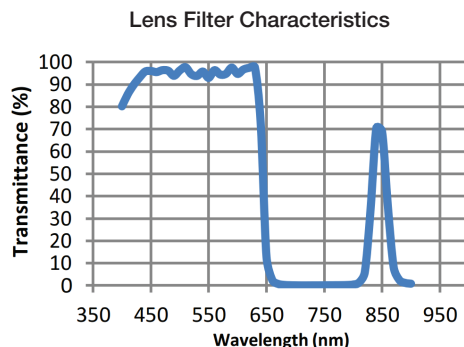# Evolution 05 Mini
## 360° **Night** Camera

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
- 3-years warranty

### IR optical filter

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



**Lens Filter Characteristics**

ONVIF | S

EVO-05-LJN - Black
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 Black and 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 conformant

# Evolution 05 Mini
## 360° Night Camera
The next step in 360° total situational awareness

| Model | EVO-05-LIN (White) | EVO-05-LJN (Black) |
|---|---|---|
| **General** | | |
| Lens Field of View | 180° Horizontal, 168° Vertical | |
| Image Sensor | 2592 H x 1944 V, 5 MP, 1/2.5-inch Sony 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 | |
| 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 and uPNP | |
| 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 | |
| White Balance Range | Auto White Balance (Range = approximately 2500 K ~ 8000 K) | |
| **Video** | | |
| Video Stream 1 & 2 Codec's | H.264 high, Level 5 / MJPEG (both streams configurable) | |
| Video Stream 1 & 2 Compression Level | Multi-levels of compression adjustment | |
| Video Stream 1 & 2 Pixel Resolution | Fisheyes at: ¼ MP (528 x 480), 1 MP (1056 x 960), 2 MP (1488 x 1360), 4 MP (2144 x 1944) | |
| Video Stream 3 Codec | MJPEG | |
| Video Stream 3 | Multi-levels of compression and frame rate adjustment (15 fps max) | |
| Video Stream 3 Pixel Resolution | Fisheye at: ¼ MP (528 x 480) | |
| Image Control | Settings include brightness / contrast / saturation / exposure compensation, compression quality and wall / ceiling / table mount | |
| Image Enhancement | Electronic WDR 60 dB | |
| PTZ Functionality | 10x zoom with Oncam Grandeye 3D client-side dewarping software | |
| VMS / NVR Supported | 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 | |
| Number of Unicast Users Supported | Up to 20 simultaneous users depending on the resolutions settings | |
| Bit Rate Control | Options include Variable Bit Rate Control, 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 | |

# Evolution 05 Mini

## 360° **Night** Camera

The next step in 360° total situational awareness

| 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 22:2009+A1:2010, CISPR 24:2010 (Class A), FCC, ICES-003, KCC, CU, RCM, SASO UL 60950-1(ed.2) & CAN/CSA C22.2 No. 60950-1-07, RoHS, REACH |

### Accessories

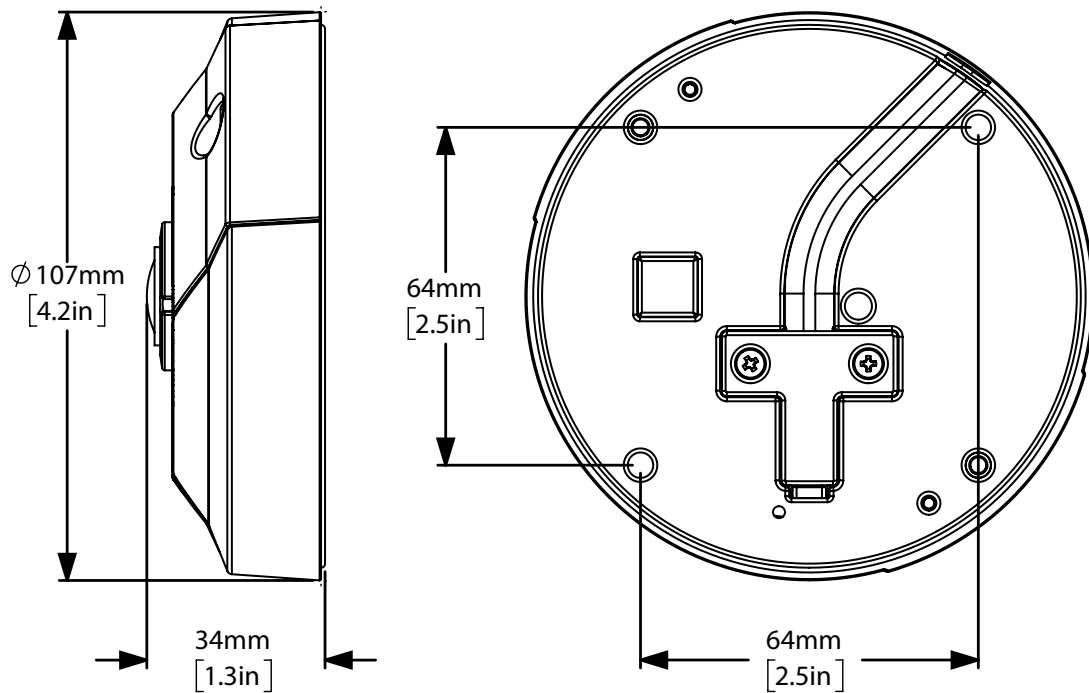| | Part Number | Description |
|---|---|---|
|  | OBE-11-IWA (White) <br><br> OBE-11-IBA (Black) | IK10+ vandal resistant bubble trim <br><br> The bubble trim is made of optical grade polymer. |
|  | OBE-16-OWA (White) <br><br> OBE-16-OBA (Black) | M20 conduit back box <br><br> Fitted for the camera 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 <br><br> M32 female thread; supplied with M32 to 1½ NPT male thread adaptor. Fit onto the camera back. |
|  | OBE-17-OWA (White) <br><br> OBE-17-OBA (Black) | Indoor Mounting Kit <br><br> Includes a Pendant Mount Adapter and Conduit Back Box. |

# Evolution 05 Mini
## 360° **Night** Camera
The next step in 360° total situational awareness

ONCAM

**Dimensions**

⌀107mm [4.2in]

34mm [1.3in]

64mm [2.5in]

64mm [2.5in]

EVO-05-L#N-02_2017.01