ONCAM

Evolution 05

360° **Outdoor** Camera

The next step in 360° total situational awareness

ONVIF | S

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 or 12 VDC powered
- 3-years warranty

EVO-05NND - Black
EVO-05NMD - White

Advanced features

- Local SD card slot for event recording
- Configurable privacy regions
- Polygonal video motion detection regions
- Local alarm digital input and output
- Audio microphone input

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 including VideoXpert (version 1.6 or later) and Digital Sentry (version 7.8.90 or later)
- ONVIF profile S conformant

Multiple exterior mounting options

- Simple and easy installation
- IP67 rated enclosure for weather protection
- IK10 rating for vandalism protection
- Range of accessories provide multiple mounting possibilities including ceiling, wall, pendant and pole
- Enclosure available in black and white

PELCO

by Schneider Electric

Model	EVO-05NMD (White)	EVO-05NND (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° / F/2.0	
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	
External Input	1x contact input	
External Output	1x contact output	
Security	Configurable password protection	
Advanced Event Management	Triggered by motion, external input or HTTP event, result configurable, external output, FTP/SMTP upload and local recording	
Networking	TCP/IP, HTTP, DHCP, DNS, NTP, FTP, SMTP and RTSP	
Privacy Regions	10 configurable privacy regions	
SD Card	Built-in SD card slot. Supports cards up to 128 GB capacity. Speed class 10 or higher required	
Audio Connections	Audio In through 3.5 mm jack, RTSP using G711 codec or ONVIF S	
Analog Video Out	Test port for production, not available in normal operation	
White Balance Range	Auto White Balance (Range = approx. 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 H.264 main camera stream	
Bit Rate Control	Options include Variable Bit Rate Controls, Constant Bit Rate Control and Constant Quality Control	
Electrical		
Ports	RJ45 for 100Base-TX 2.1 mm DC Input jack 6-pin 1.5 mm Phoenix for external I/O BNC for test video output	
Network Cable Type	CAT5 or better for 100Base-TX	
Power Input	12 VDC, 1.0 A (min) LPS or NEC Class 2 power supply or Power over Ethernet (PoE), IEEE standard 802.3af	
Power Consumption (maximum)	4.05 W (PoE 48 VDC) / 3.19 W (DC 12 VDC)	

TECHNICAL SPECIFICATION

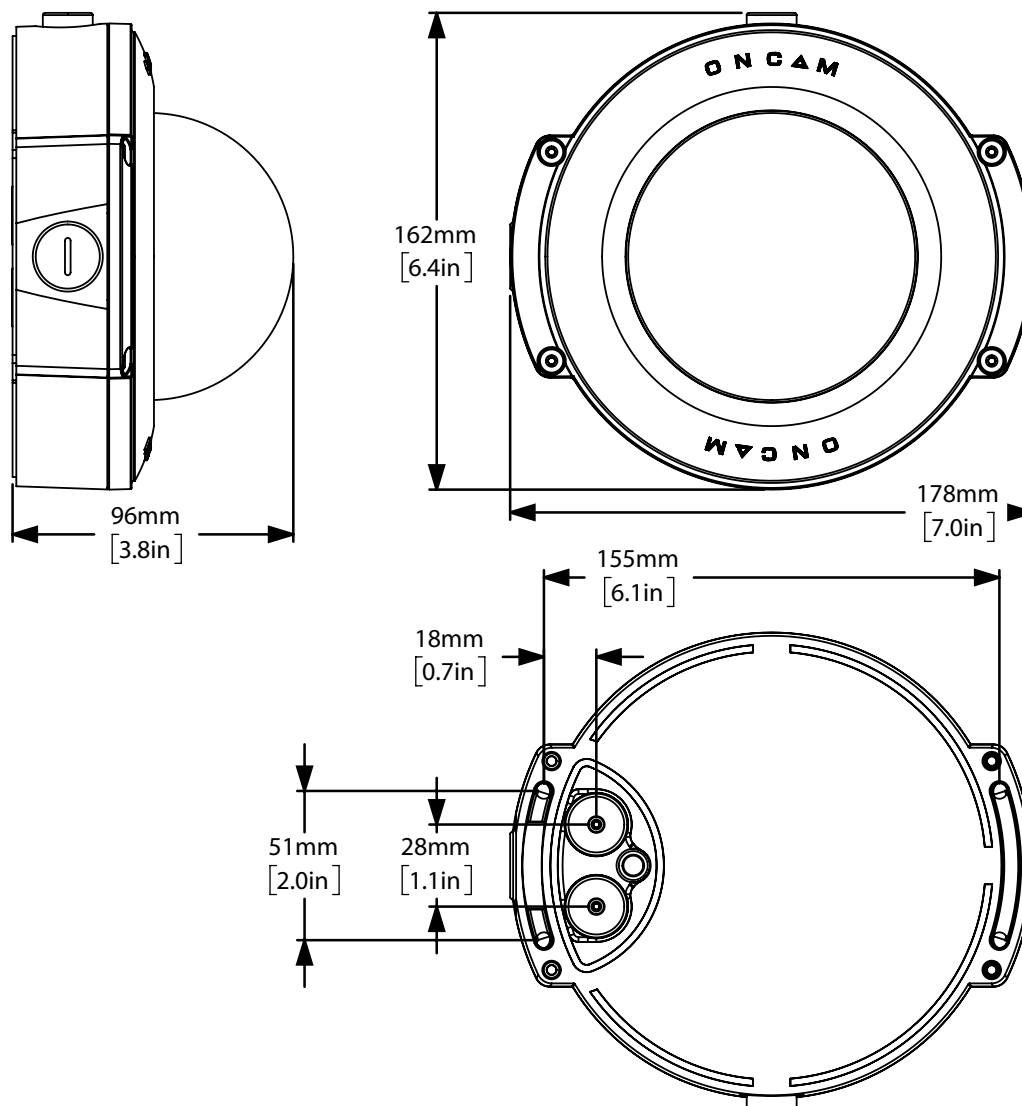| Mechanical	
Camera Mount	Surface mount
Weight	0.86 kg (1.90 lbs)
Dimensions (L x W x H)	178 x 162 x 96 mm (7.0 x 6.4 x 3.8 in.)
Housing Material	Aluminium with polymer bubble

Environmental	
Operating Temperature Range	-40 to +55° C (-40 to +131° F)
Operating Humidity	Up to 98% non-condensing
Ingress Protection	IP67
Impact Resistance	IK10

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, IP66/67, IK10

Accessories	Part Number	Description
	OBE-01-OWA (White) OBE-01-OBA (Black)	Outdoor Pendant Mount
	OBE-03-OWA (White) OBE-03-OBA (Black)	Pole Mount Bracket (Use with Pendant Mount)
	OBE-04-OWA (White) OBE-04-OBA (Black)	Wall Mount Bracket (Use with Pendant Mount)
	OBE-05-OWA (White) OBE-05-OBA (Black)	Corner Mount Bracket (Use with Pendant Mount)
	OBE-02-OWA (White) OBE-02-OBA (Black)	Outdoor Sunshield (Use with Pendant Mount)

Dimensions

96mm [3.8in]

162mm [6.4in]

178mm [7.0in]

155mm [6.1in]

18mm [0.7in]

51mm [2.0in]

28mm [1.1in]