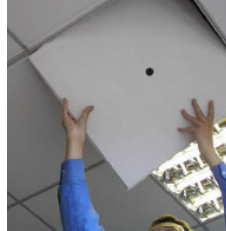
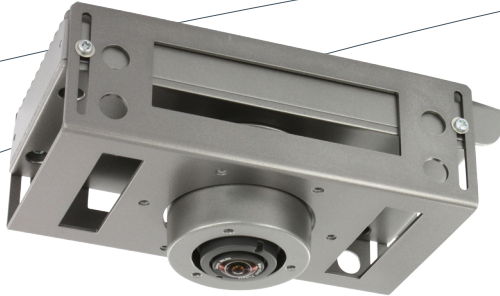


Oncam IPC

Conceal-mounting 360° IP Camera



A 360° IP camera with a 5-mega-pixel sensor and no moving parts

- Constant 360° surveillance; no blind spots
- Silent operation as there are no moving parts
- No moving parts means no regular maintenance due to wear and tear

Truly covert installation with the lowest profile available

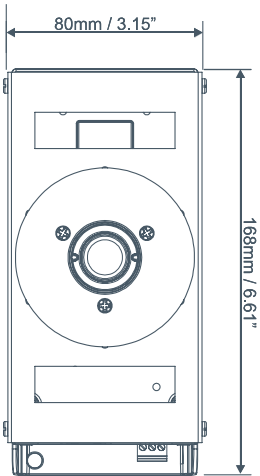
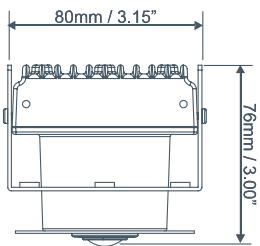
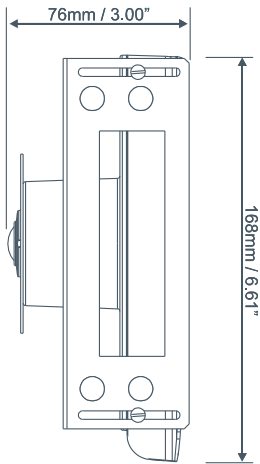
- Fully supports IEEE802.3af Class 2 Power over Ethernet (PoE)
- Easy installation
- Pleasing aesthetics
- Minimum illumination 0.5 lux, providing the most clarity in low light among peers
- Adjustable conceal-mounting enclosure
- Visible element: 56mm/2.2" diameter
- Suitable for ceiling, wall or table mounted applications

Four dewarped PTZ virtual cameras (VCams)

- Uses powerful, patented on-camera image processing
- Independent pan, tilt and zoom (PTZ) operation with each VCam, as well as panorama and fisheye images; ideal for live viewing
- Motion detection within polygonal-defined areas of interest
- Up to four targets or events tracked simultaneously on one camera
- 10 polygonal, configurable privacy regions
- 10x digital zoom
- Retrospective scene analysis with vPTZ when used with a compatible recorder

Multiple video streams with choice of resolutions

- Optimizes bandwidth and storage utilization
- Multiview video streams
- Video streams in multiple resolutions from QQVGA (160x120) to 2144x1944
- 10 fps typical
- MJPEG stream with multiple quality levels
- Multilevel password protection
- Intuitive web-based interface for viewing and configuration
- Highly configurable Event Management with notifications via Email, FTP and external output
- Integrates NVRs directly to the camera by utilizing Oncam Global's separately provided SDK
- Supports major VMS systems



ONCAM IPC TECHNICAL SPECIFICATIONS

Model	
GE-IP-001	360° conceal-mounting IP camera with a 5-megapixel sensor and no moving parts
General	
Field of view	360°
Image sensor	5 megapixel
Angle of view	180° hemisphere
Minimum illumination	0.5 lux
Frame rate	10 fps typical
Zoom	10x digital
Video analytics	10 polygonal regions of interest; motion detect; motion track; configurable response; multitarget simultaneous tracking; adjustable tracking characteristics
vPTZ	Immediate response
Presets	10 preset views
Image pipeline	12-bit
External input	1 contact input
External output	1 momentary or transparent
Security	Multilevel access with configurable passwords
Users	20 simultaneous users
Event management	Triggered by motion, external input or HTTP event. Result configurable; PTZ tracking; external output; FTP/SMTP upload
Networking	HTTP, FTP, SMTP, DHCP, DNS, NTP
Privacy	10 polygonal, configurable privacy regions
Electrical	
Ports	RJ45 for 100Base-TX; 2.1mm DC Input jack; 3-pin 1.5mm Phoenix for external I/O
Network cable type	CAT5 or better for 100Base-TX
Power input	5V DC rated @ at least 1A
Power consumption	5W typical
Mechanical	
Camera mount	Camera ceiling-mounts, requiring 56mm/2.2" diameter circular hole.
Weight	0.64kg (1.41lbs)
Enclosure	All-metal, adjustable to suit a range of panel thicknesses (up to 35mm/1.3")
MTBF	Predicted mean time between failure: 103,906 hours
Environmental	
Operating temperature range	-40 to +70 °C (-40 to 158 °F) in accordance with BS EN 50155
Storage temperature	-40 to +70 °C (-40 to 158 °F)
Ingress protection rating	N/A (Oncam Maxidome IP67-rated Outdoor Enclosure available for IPC. Other manufacturers' domes can also be used.)
Video	
Video codec	Motion JPEG
Compression level	95 levels of compression adjustment
Video stream resolution	Virtual cameras at: QQVGA; QVGA; VGA; XGA Panoramas at: 640x208; 1024 x 336 Fisheyes at: VGA; QVGA; 1024x1024; 2144x1944
Sensor control	Auto/manual exposure; auto/manual night mode; auto white balance
Image control	Per VCam brightness/contrast/saturation; compression quality; wall/ceiling/table camera mount
VMS supported	Most major VMS systems
Web browser compatibility	Internet Explorer (with ActiveX plug-in, supplied); Firefox
Certifications/Ratings/Patents/Products	
Patents	15 patents; 15 patents pending; 20 licensed patents
Approvals	IEEE802.3af Class 2; EMC: (CISPR Class A) FCC; CE; ICES-003; UL60950
Other related products	Surface-mounting IP camera (IPW); Thin-mounting IP camera (IPT); Halocam-R 3-megapixel analog camera; Halocorder high-resolution 360° recorder