

Oncam Grandeye IPZoom

360° IPZoom Camera Package



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User-friendly, customisable viewer

- The Oncam Grandeye IPZoom 360° camera's easy-to-use viewer comes with a toolbar, status bar and support menus
- User can create custom layouts or choose from three predefined viewing layouts:
- Panorama (360° or 180°), fisheye (360°) and IP PTZ view
- Top panorama (180°), fisheye (360°) and IP PTZ view and bottom panorama (180°)
- Top panorama (180°), bottom panorama (180°), fisheye (360°) and IP PTZ view
- Control is always maintained because the fisheye and panorama views always display the IP PTZ location onscreen
- User can define simple parameters for automatic tracking triggered by analytics
- Camera is compatible with Windows-based video management systems

Intuitive navigation

- Auto calibration makes any adjustments needed between the IPZoom 360° and IP PTZ cameras
- Move the IP PTZ camera from fisheye and panorama views using
- "Point and click" to move to an area of interest
- "Click and drag" to move to an area of interest with a user-defined zoom level

Warranty

- Oncam Grandeye cameras are covered by a one-year limited warranty
- Oncam Grandeye software products are covered by a 90-day limited warranty
- IP PTZ cameras are covered under their respective manufacturers' warranties

Navigation features

- Maintains aspect ratio for predefined layouts with "fit to size" model
- Displays direction cursors while panning IP PTZ camera
- Provides ability to maximise and minimise within the layout
- Has fit-to-screen, full-screen mode and application resize features
- Shows navigation buttons in panorama view when panning
- Allows for user-definable polygonal regions for motion detection, tracking, privacy and auto exposure
- Allows motion detection to be turned ON/OFF
- Performs fully automatic motion tracking
- Allows for automatic addition of streams from IPZoom 360° camera (choose from predefined image layouts or customise)
- Has MS Windows permission-based feature enabling (e.g. administrator vs. user)
- Supports H.264/MJPEG

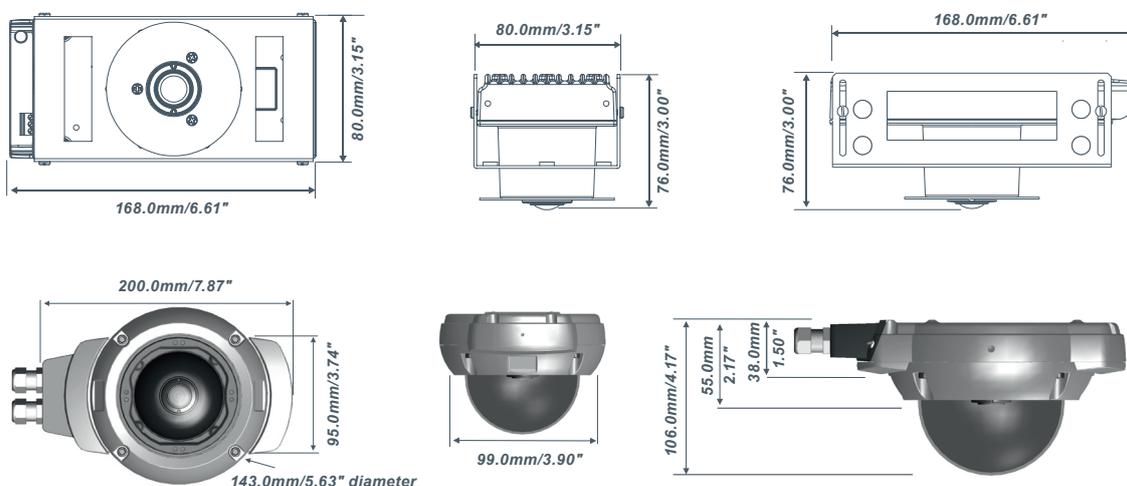
IPZoom 360° package

- One Oncam Grandeye IPZoom 360° camera
- (available in the indoor covert conceal-mounting model and the outdoor/indoor IP67-rated minidome model)
- IPZoom software (downloaded and registered)
- One IP PTZ camera with absolute positioning, such as the Axis Q6032

(If you wish to use your own IP PTZ camera, to confirm compatibility please email sales@oncamgrandeye.com)

Additional requirements

- Cameras must be co-located within 60cm of each other; multiple pairs can exist in one solution



Oncam Grandeye | 115 Hammersmith Road, London W14 0QH, UK | www.oncamgrandeye.com | t: +44 (0) 207 371 6640 | e: sales@oncamgrandeye.com

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Oncam Grandeye IPZoom

360° IPZoom Camera Package



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360° Minidome IP Camera



Conceal-mounting 360° IP Camera

| ONCAM GRANDEYE IPZOOM 360° CAMERA TECHNICAL SPECIFICATION | | |
|---|--|---|
| Model | GE-IPZ-001 | GE-IPZ-004 |
| General | | |
| Description | IPZoom 360° conceal-mounting camera | IPZoom 360° minidome camera |
| Field of view | 360° | |
| Image sensor | 5 megapixel | |
| Angle of view | 180° hemisphere | |
| Minimum illumination | 0.5 lux | |
| Frame rate | 4fps typical and up to 10fps for virtual cameras | |
| Video analytics | 10 polygonal regions of interest; motion detect; motion track; configurable response; multitarget simultaneous tracking; adjustable tracking characteristics | |
| 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 | |
| Networking | HTTP, FTP, SMTP, DHCP, DNS, NTP | |
| Privacy | 10 polygonal, configurable privacy regions | |
| Supported OS and platform | Windows XP, Vista, 7.0; 32 bit and 64 bit | |
| MTBF | Predicted mean time between failure: 103,906 hours | |
| Supported languages | English, Turkish | |
| 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 | PoE or 5V DC rated @ at least 1A | |
| Power consumption | 5W typical | |
| Mechanical | | |
| Camera mount | Camera ceiling-mounts, requiring 56mm/2.2" diameter circular hole | 4 x M4.5 (No8) screw, supplied, to secure base of camera to surface |
| Weight | 0.64kg (1.41lbs) | 1.2kg (2.64lbs) |
| Enclosure | All-metal, adjustable to suit a range of panel thicknesses (up to 35mm/1.3") | All-aluminum dome enclosure with polycarbonate dome cover |
| 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 | IP67-rated |
| Video | | |
| Video codec | Supports: H.264; Motion JPEG | |
| Compression level | 95 levels of compression adjustment | |
| Video stream resolution | One fisheye: 640x480; One full panorama: 1024x336; Vcams: 1085x640; Two half panoramas: 1024x336 | |
| Sensor control | Auto/manual exposure; auto/manual night mode; auto white balance | |
| Image control | Brightness/contrast/saturation; wall/ceiling/table camera mount | |
| NVR supported | Compatible with NVRs with Windows-based VMS | |
| 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; Safety: UL60950 | |
| Other related products | Oncam Grandeye 360° IP camera series; Oncam Grandeye 360° analogue camera series | |

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