



Grandeye Halocorder

High-resolution 360° recorder

Product Features

- Hi-res recording of complete Halocam-R fisheye view
- Enables complete retrospective PTZ
- 7x optical-equivalent zoom
- 400/750GB storage
- Playback via Halocam using standard CCTV controller
- IP-enabled for remote viewing and archiving*
- Play forward, backwards, up to 32x speed and single step
- Continual, scheduled or event-based recording
- Intuitive timeline with zoom and colour-coded events



**When used with Haloviewer for Windows™ (supplied)*

The Grandeye Halocorder is a high-resolution recording solution for the Halocam-R 360° analogue camera. Connecting via a dedicated high-speed digital port on the Halocam-R, the Halocorder will capture the entire 3MP fisheye image, independent of PTZ operations carried out at the time. Images can be recorded at up to 4fps. The recorded images can be played back through the Halocam-R as though they were live images. PTZ control and the generation of virtual cameras (VCAMs) and panoramas is available during playback, just as on the live images. During playback, recording continues uninterrupted.

Recording is carried out on a continuous, scheduled or event-driven basis (or a combination of these). During playback, an intuitive, navigable timeline indicates which type of recordings are present at each point in time.

Halocorder is IP-enabled for connection to PCs over a standard TCP/IP network, locally or remotely, using the supplied Haloviewer application. Haloviewer enables live camera viewing, and recorded material maybe viewed, downloaded and archived for later review. Downloads may be scheduled or performed manually. Self-contained CD/DVDs may be generated which include video clips and an intuitive PTZ interface and timeline, which do not require installation.

Halocorder eliminates the shortcoming of conventional security recordings by enabling investigators to go back in time and pan, tilt and zoom around the scene as though present at the time of an incident.

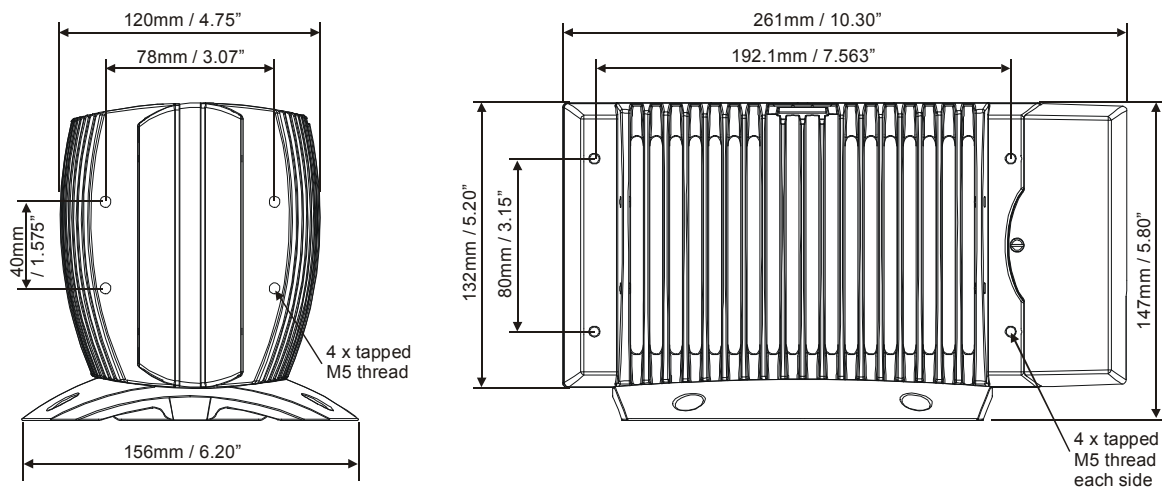
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TECHNICAL SPECIFICATIONS

Retrospective pan and tilt	Yes – see a full 360° after the fact
Retrospective zoom	Yes – approximately 7x optical-equivalent zoom after the fact
Retrospective video analytics	Yes – carry out motion detection and tracking after the fact
Playback	Yes – play forwards, backwards, up to 32x
Single frame stepping	Yes – forwards and backwards
Graphical timeline	Yes
Time and date searching	Yes
Event searching	Yes
Event locking	Yes – protect user-definable sections and/or events from erasure
Motion detection/tracking	Yes (accessed via camera)
Password protection	Yes
Resolution	3 megapixel
Storage capacity	Event-based: up to several months. Continuous: up to several weeks dependent on lighting conditions, frame rate and quality (user selectable) 400GB continuous rated hard disk drive example: ~5 days from continuous recording (24/7), 4fps, highest quality, with 300 lux lighting conditions. 750GB continuous rated hard disk drive example: ~8 days from continuous recording (24/7), 4fps, highest quality with 300 lux lighting conditions.
Continuous recording	Yes
Event-based recording	Yes
Scheduled recording	Yes
Simultaneous rec/playback	Yes
Auto record on power-up	Yes
Recording speeds	1, 2 or 4 frames per second
Recording failure detection	Yes – on screen and/or via hardware output
Recording tamper detection	Yes – 384-bit hash proprietary authentication signature
Record pre-post alarm	Yes – up to 30 seconds
Video compression	Proprietary format, user-selectable rate
Video format	PAL or NTSC (via camera)
Power source rating	24V AC/DC +/-10%, 2 Amps
Power consumption	30W
Control protocols	RS485: Pelco-P/D, Fastrax II, Vista PD. RS232: Bosch Autodome; all auto-sensing; via camera
Time/date generator	Yes – including NTP time support; synchronised with camera
Weight	3.5kg (7lb12oz)
Size	L x W x H: 10.28" x 5.79" x 6.14" (261 x 147 x 156mm)
Operating temperature range	41 to 95°F (5 to 35°C); 41 to 104°F (5 to 40°C) with forced air flow (e.g. external fan)
Storage temperature range	14 to 140°F (-10 to 60°C)
Mounting	Upright, within 3 metres/10 feet of Halocam-R
Camera input	1 x 360° camera per recorder
Certifications	EMC:(CISPR Class A) FCC; CE; UL2044 (2043 with conduit kit)



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