

Oncam Halocorder

High-resolution 360° Analog Recorder



Retrospective scene analysis as though it was live

- High-resolution recording for the Oncam Halocam-R 360° analog camera
- Complete 3-megapixel fisheye view
- Independent virtual camera (VCam) PTZ functionality around the scene
- 7x optical-equivalent zoom without loss of detail
- Activate motion detection and tracking on recorded footage/image
- Record images at up to 4 fps
- View forward or backward at up to 32x speed or by single step
- Navigable timeline provided with zoom and color-coded events for ease of location

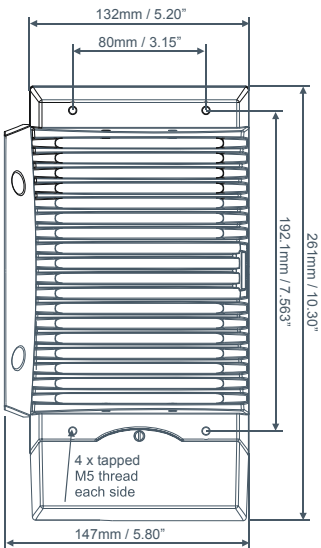
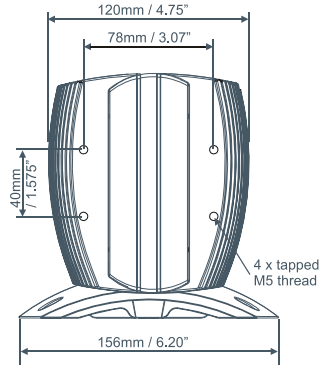
Convenient playback via Oncam Halocam-R camera or PC

- Recording is continuous and uninterrupted during playback; nothing is lost
- Search by time and date, or by event
- Playback via Oncam Halocam-R camera using standard CCTV controller
- Playback locally or remotely as it is IP-enabled for connections to PCs over standard TCP/IP network
- Oncam Haloviewer software (included) allows video viewing, downloading, and archiving
- Downloading can be continuous, scheduled or manual (event-based) as desired
- Able to protect defined events or sections from erasure
- Oncam Halocorder must be located within 3 meters (10 feet) from Oncam Halocam-R camera

Sufficient storage capacity

- 750GB storage capacity
- Several months storage for event-based recording
- Up to two weeks storage for continuous recording, depending on lighting conditions, frame rate and quality – all user options
- Self-contained CD/DVDs can be generated which include a simple interface for retrospective playback and complete vPTZ of surveillance footage

ONCAM HALOCORDER TECHNICAL SPECIFICATIONS



Model	
GE-A-003	Halocorder 750GB
General	
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) 750GB continuous rated hard disk drive example: ~8 days from continuous recording (24/7), 4 fps, highest quality with 300 lux lighting conditions.
Continuous recording	Yes
Event-based recording	Yes
Scheduled recording	Yes
Simultaneous record/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
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; synchronized with camera
Electrical	
Power source rating	24V AC/DC +/-10%, 2 Amps
Power consumption	30W
Mechanical	
Mounting	Upright, within 3 meters (10 feet) of Halocam-R camera
Weight	3.5kg (7.75lbs)
Size	L x W x H: 261 x 147 x 156mm (10.28" x 5.79" x 6.14")
Camera input	1 Halocorder per Halocam-R camera
Environmental	
Operating temperature range	5 to 35° C (41 to 95° F); 5 to 40° C (41 to 104° F) with forced air flow (e.g. external fan)
Storage temperature range	-10 to 60° C (14 to 140° F)
Video	
Video compression	Proprietary format, user-selectable rate
Video format	PAL or NTSC (via camera)
Certifications/Ratings/Products	
Certifications	EMC: (CISPR Class A) FCC; CE; UL2044 (2043 with conduit kit)
Other related products	24V power supply for Oncam Halocorder; Oncam Halocam-R 3MP analog camera

