

H-SERIES - EXTREME PERFORMANCE HYBRID RECORDERS

OE5-H4U480

OE5-H4U240



DESCRIPTION

OpenEye's H4 HVR is an extreme performance video management solution designed for recording real-time 30 FPS D1 video, and audio, on all channels. With hardware based H.264 compression and the ability to output high-resolution multiplexed video for monitoring, the H4 is perfectly suited for the most demanding surveillance applications.

H-Series HVRs are designed for mission critical applications. With removable drives and RAID 5 capability, system downtime is minimized and data loss is prevented in the event of a hard drive failure. The H4 chassis is equipped with four removable drive bays, making it quick and easy for users to insert or remove drives on the fly while in the field. HDMI and DVI digital outputs provide built-in viewing solutions for high security monitoring applications. H-Series recorders are ideal for applications involving critical infrastructure protection such as military, law enforcement, gaming, and high security corporate environments.

FEATURES

- » Real time D1 30 FPS recording on all channels
- » Real time progressive scan live viewing
- » High resolution HDMI video output
- » Audio recording on all camera channels
- » 16 hybrid recording channels standard*
- » ONVIF™ compliant
- » OWS Health Monitoring ready
- » Free mobile apps for smart phones
- » SaleGuard® retail analytics software compatible
- » Optional video analytics capabilities using OpenEye's TruSight software

* Limited to number of analog recording channels.

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PRODUCT SPECIFICATIONS

	H4U480	H4U240
Camera Channels	16	8
Looping Outputs	16	8
Max IPS Per Channel	30	30
Recording Rate	480 IPS	240 IPS
Live Display Rate	480 IPS	240 IPS
Audio Channels	16	8
Video Outputs	1 DVI-I (with VGA adapter), 1 HDMI, 1 Channel (RCA) TV Output (NTSC, PAL)	
Digital Relay Outputs	16	8
Alarm Sensor Inputs	16	8
Image Compression	H.264 (max 480 IPS @ D1)	
Analog Recording Resolutions	NTSC: 720 × 480 max. PAL: 720 × 576 max.	
IP Recording Resolutions	Dependant on the resolutions the network video device supports	
Video Signal Loss Detection	Yes	
Motion Detection	Up to 15 Custom Motion Areas / Adjustable Sensitivity	
Remote Operation	Setup Access, Search, Live View, PTZ, Backup	
Remote Software	OpenEye Remote, RADIUS, Web Viewer (ActiveX, Java), MDVR	
PTZ Control	RS-485	
Recording Mode	Continuous, Motion Detection, Sensor, Instant	
Playback Search	Multiple Enhanced Search Capabilities	
Backup	DVD±RW, Network, USB 2.0, 3.0, eSATA	
Digital Signature Support	Digital Signature Support on AVI and JPG	
Dynamic DNS	Free for Life of Product	
Operating System	Microsoft® Windows 7® Embedded	
Storage (Size)	2TB Standard / Up to 12TB	
External Storage Options	Ultra-320 SCSI Interface (Optional)	
Dimensions	L: 21.6" (549mm) x W: 17.3" (441mm) x H: 7.1" (181mm)	
Warranty	3 Years / 1 Year Advance Replacement	

H4 MODELS

OE5-H4U48016	16 Channel 480 IPS HVR
OE5-H4U24008	8 Channel 240 IPS HVR

Storage Amounts: 2T, 4TB, 6TB, 8TB, 12TB

SOFTWARE SOLUTIONS

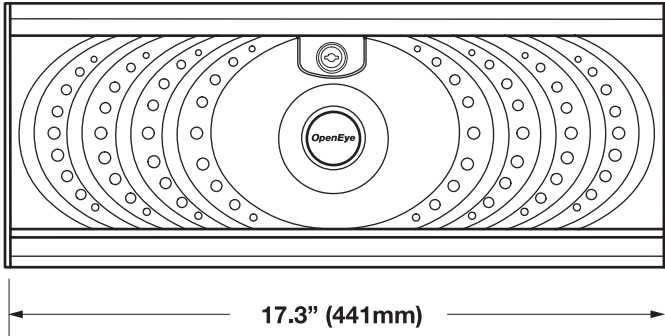
Remote Software (Connects to one recorder at a time)
RADIUS Multi-Site Software (Manages 100+ recorders simultaneously)
Emergency Agent (Alarm management)
Backup Viewer (Plays exported video in its proprietary format)
MDVR (iPhone 3G / 3GS / 4, iPod Touch, iPad, Android, BlackBerry Bold*)

*Select models

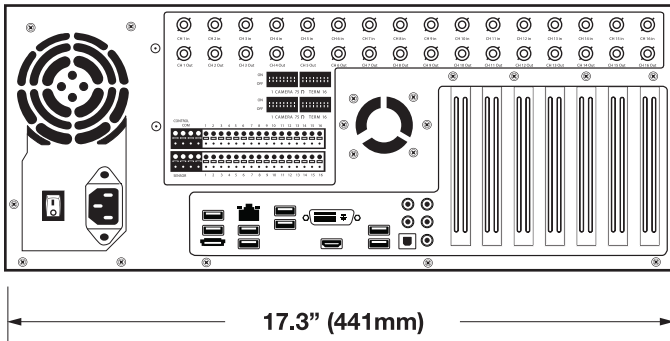
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SYSTEM IMAGES

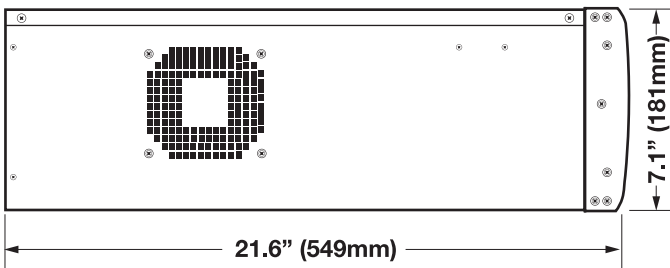
FRONT



BACK



SIDE



ACCESSORIES / UPGRADES

HARDWARE

VB-COMP4M	2 Channel multiplexed composite out upgrade. Supports 2CH multiplexed outputs or 4CH single outputs.
HD-AD29320	Internal SCSI adapter upgrade. This adapter is used to connect to external storage devices.
NP-INEXPI9301	Intel network adapter upgrade. Adds secondary 10/1001000 NIC.
OE5-RAID5UP	RAID 5 upgrade. RAID 5 protects data on the recorder from a single hard drive failure (at any given time). Requires a minimum of 3 hard drives and 1 of the drives cannot be included when counting total video storage.

SOFTWARE

SW-SG*	SaleGuard POS.
AC-2PSER	2 Port serial card for POS applications.
AC-4PSER	4 Port serial card for POS applications.
AC-8PSER	8 Port serial card for POS applications.
OE5-PERFUPG	Performance Upgrade Package for HVR/ Analytics. Includes a faster CPU and increased memory.
OE5-PERFUPGF	Performance Upgrade Package for HVR/ Analytics. Includes a faster CPU and increased memory. This is a field upgrade.
SW-TSA*	TruSight video analytics.

*Contact your OpenEye sales representative for more information.