

X-SERIES - PROFESSIONAL GRADE HYBRID RECORDERS

OE-X4U48



DESCRIPTION

OpenEye's X4 is a professional grade, high performance, 4U hybrid video recorder built for reliability and system longevity. The X4 supports upgrades for video analytics, support for access control systems, and full integration with POS solutions.

With recording capabilities as high as 480 IPS, optional RAID 5, and up to 16TB of internal storage, the X4 offers a large assortment of features and models to fit your specific application. X4 recorders 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 X4 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. The X4 recorder is ideal for applications involving critical infrastructure protection, such as military, law enforcement, gaming, and high security corporate environments.

FEATURES

- » Dynamic IP camera discovery and configuration
- » H.264 / MPEG-4 / M-JPEG codec support
- » Up to 32 hybrid recording channels*
- » Active Directory support
- » Server-side or camera-side motion detection (analog & IP)**
- » Dual gigabit network connections
- » 360° camera support**
- » 4 removable hard drive bays
- » Up to 16TB storage
- » ONVIF™ compliant
- » RADIUS VMS license included
- » OWS Health Monitoring ready
- » Free software maintenance and upgrades during warranty period
- » Free mobile apps for iPhone, iPad, and Android devices

**Limited to number of analog recording channels.*

***Refer to website for complete list of supported devices.*

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PRODUCT SPECIFICATIONS

	X4U48	
Camera Channels	16	32
Looping Outputs	16	32
Max IPS Per Channel	30	30
Recording Rate	480 IPS	
Live Display Rate	480 IPS	
Audio Channels	16	16
Video Outputs	1 DVI-D, 1 VGA, 1 HDMI®, 1 Display Port, RCA Spot Monitor	
Digital Relay Outputs	16	16
Alarm Sensor Inputs	16	16
Image Compression	H.264, MPEG-4, M-JPEG	
Analog Recording Resolutions	NTSC: 720x480, 720x240, 360x240 PAL: 720x576, 720x288, 360x288	
IP Recording Resolutions	Dependent on resolutions supported by network device	
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, MDVR for iPhone, iPad, and Android	
PTZ Control	RS-485 / IP protocols	
Recording Mode	Continuous, Motion, Sensor	
Playback Search	Multiple Enhanced Search Capabilities	
Backup	DVD±RW, Network, USB 2.0 / 3.0	
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 16TB (JBOD / RAID)	
Power Supply Rating	400W	
External Storage Options	RAID 5 iSCSI (Up to 64TB with unlimited scalability)	
Dimensions	L: 21.6" (549mm) x W: 17.3" (441mm) x H: 7.1" (181mm)	
Warranty	3 Years / 1 Year Advance Replacement	

X4 MODELS

OE-X4U4832	32 Channel 480 IPS HVR
OE-X4U4816	16 Channel 480 IPS HVR

Varied Storage Available for Each Model: 2TB, 4TB, 6TB, 8TB, 12TB, 16TB

SOFTWARE SOLUTIONS

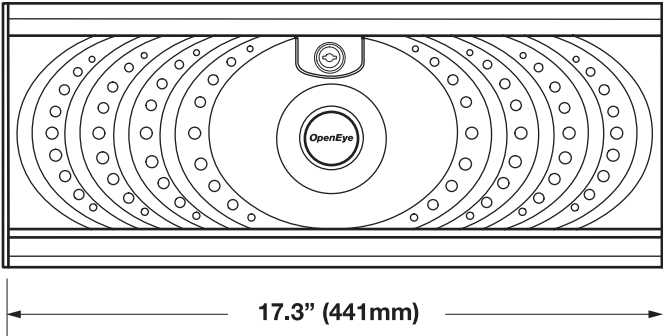
Remote Software (Connects to one recorder at a time)
RADIUS Multi-Site Software (Manages 100+ recorders simultaneously)
Emergency Agent (Alarm management)
Backup Viewer (Plays exported video in its proprietary format)
MDVR (iPhone, iPad, Android devices)

*Select models

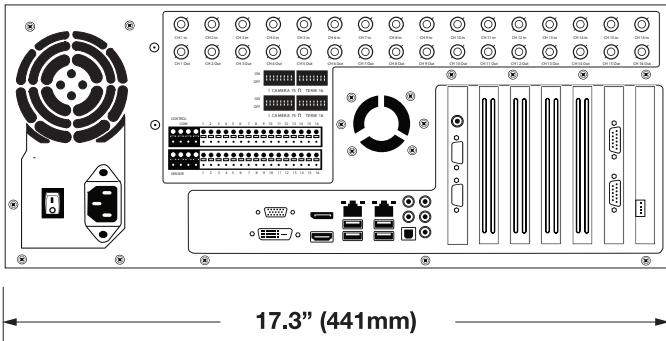
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SYSTEM IMAGES

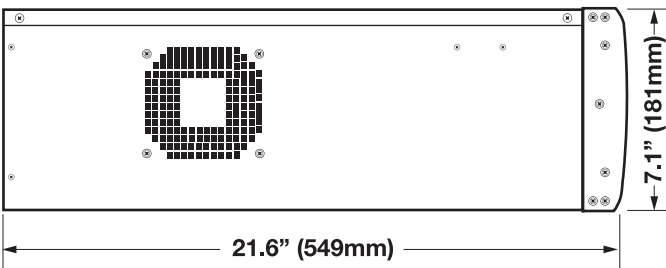
FRONT



BACK



SIDE



ACCESSORIES / UPGRADES

HARDWARE	
OE-ZGBNIC	Intel network adapter upgrade - add third 10/100/1000 NIC
OE-ZGBDUALNIC	Dual gigabit network adapter expansion with teaming support
OE-ZMUX4	4 CH Multiplex Out upgrade
OE-ZSSDUPG	60GB Solid State Drive upgrade
OE-ZRD1SSDUPG	RAID 1, Dual 60GB Solid State Drive upgrade
OE-ZRAID5UPG1T	RAID 5 upgrade (per TB) 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.
OE-ZSER1P	Single port serial adapter
OE-ZSER2P	Dual port serial adapter
OE-ZSER8P	Eight port serial adapter
OE-ZPERFUP	System Performance Upgrade - Increased CPU and memory
SOFTWARE	
OE-ZUPHYBx	Hybrid channel upgrade, up to 16 channels
OE-ZUPNVRx	NVR software upgrade, up to 64 channels