

## N-SERIES - PROFESSIONAL GRADE NETWORK RECORDERS

### OE-N4U



#### DESCRIPTION

OpenEye's N4 is an enterprise-level network video recording solution with virtually unlimited scalability. Available in a 4U chassis, with 16 removable hard drives, the N4 features online RAID capacity expansion, hot-swappable drives, and included rack mount rails.

OpenEye N-Series recorders can be scaled from one camera to thousands, allowing you the flexibility to meet the unique demands of enterprise level IP installations. With features such as active directory integration, camera discovery protocols, and central management software, the N-Series is an easy-to-deploy IP surveillance solution.

N4 recorders provide H.264, MPEG-4, and MJPEG codec support, and up to 64TB of internal storage. Integration with all major IP camera manufacturers, including PTZ, sensor, and audio on most supported models, allows you the freedom to select the products that work best for your installation.

Whether installing a recorder at a single site or deploying a nationwide central monitoring solution, the N-Series is the right choice for your IP video management needs.

#### FEATURES

- » Dynamic IP camera discovery and configuration
- » H.264 / MPEG-4 / M-JPEG codec support
- » Server-side or camera-side motion detection\*
- » Up to 600 mbits/sec of intensive IP recording
- » 360° IP camera support\*
- » Active Directory support
- » Dual gigabit network connections
- » 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

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

# N-SERIES - PROFESSIONAL GRADE NETWORK RECORDERS

## PRODUCT SPECIFICATIONS

	N4		
<b>Camera Channels</b>	16	32	64
<b>Looping Outputs</b>	N/A		
<b>Max IPS Per Channel</b>	30		
<b>Recording Rate</b>	Dependent on resolutions supported by network device		
<b>Live Display Rate</b>	Up to 16 live display channels		
<b>Audio Channels</b>	Up to 16; requires external device or network video device support*		
<b>Video Outputs</b>	1 DVI-D, 1 VGA, 1 HDMI®, 1 Display Port		
<b>Digital Relay Outputs</b>	Up to 16; requires external device or network video device support*		
<b>Alarm Sensor Inputs</b>	Up to 16; requires external device or network video device support*		
<b>Image Compression</b>	H.264, MPEG-4, M-JPEG		
<b>Recording Resolutions</b>	Dependent on resolutions supported by network device		
<b>Video Signal Loss Detection</b>	Yes		
<b>Motion Detection</b>	Server side: up to 15 custom motion areas, adjustable sensitivity; Camera side: via ONVIF or direct integration		
<b>Remote Operation</b>	Setup, User Administration, Video Backup, Live View, Search		
<b>Remote Software</b>	OpenEye Remote, RADIUS, Web Viewer, MDVR for iPhone, iPad, and Android		
<b>PTZ Control</b>	Yes, via ONVIF or direct integration		
<b>Recording Mode</b>	Continuous, Motion Detection, Sensor		
<b>Playback Search</b>	Multiple Enhanced Search Capabilities		
<b>Backup</b>	DVD±RW, Network, USB 2.0 / 3.0		
<b>Digital Signature Support</b>	Digital Signature Support on AVI and JPG		
<b>Dynamic DNS</b>	Free for Life of Product		
<b>Operating System</b>	Microsoft® Windows 7® Embedded		
<b>Storage (Size)</b>	2TB Standard / Up to 64TB (JBOD / RAID)		
<b>Power Supply Rating</b>	750W		
<b>Power Consumption</b>	<b>JBOD:</b> Max 247W / <b>RAID:</b> Max 299W		
<b>Operating Temperature</b>	Max Operating Temperature: 104 °F (40 °C)		
<b>External Storage Options</b>	RAID 5 iSCSI (Up to 64TB with unlimited scalability)		
<b>Dimensions</b>	<b>L:</b> 26" (660 mm) x <b>W:</b> 17.2" (438mm) x <b>H:</b> 5.2" (132 mm)		
<b>Warranty</b>	3 Years / 1 Year Advance Replacement		

\*See website for complete integration list.

## N4 MODELS

<b>OE-N4U64R</b>	64 Channel 4U NVR, RAID
<b>OE-N4U32R</b>	32 Channel 4U NVR, RAID
<b>OE-N4U16R</b>	16 Channel 4U NVR, RAID
<b>OE-N4U64</b>	64 Channel 4U NVR, JBOD
<b>OE-N4U32</b>	32 Channel 4U NVR, JBOD
<b>OE-N4U16</b>	16 Channel 4U NVR, JBOD

Varied Storage Available for Each Model: 16TB, 24TB, 32TB, 48TB, 64TB

## SOFTWARE SOLUTIONS

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

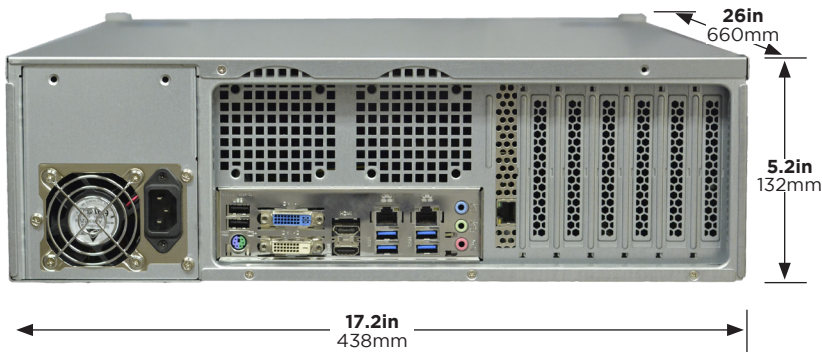
# N-SERIES - PROFESSIONAL GRADE NETWORK RECORDERS

## SYSTEM IMAGES

FRONT



BACK



## ACCESSORIES / UPGRADES

HARDWARE	
<b>OE-ZGBNIC</b>	Intel network adapter upgrade - add third 10/100/1000 NIC
<b>OE-ZGBDUALNIC</b>	Dual gigabit network adapter expansion with teaming support
<b>OE-ZSSDUPG</b>	60GB Solid State Drive upgrade
<b>OE-ZRD1SSDUPG</b>	RAID 1, Dual 60GB Solid State Drive upgrade
<b>OE-ZDRPSU820</b>	820W dual redundant power supply
<b>OE-ZSER1P</b>	Single port serial adapter
<b>OE-ZSER2P</b>	Dual port serial adapter
<b>OE-ZSER8P</b>	Eight port serial adapter
<b>OE-ZPERFUP</b>	System Performance Upgrade - Includes faster CPU and increased memory
SOFTWARE	
<b>OE-ZUPNVRx</b>	NVR software upgrade, up to 64 channels total



23221 E Knox Ave  
Liberty Lake, WA 99019  
1.888.542.1103

32449AG

©2018 OpenEye. All Rights Reserved. Information contained in this document is subject to change without prior notice. OpenEye does its best to provide accurate information but cannot be held responsible for typos or mistakes.