

MD-SERIES CLOUD-MANAGED RECORDER

General Information:

Product Manager: S. McCall

Launch Date: June 2020

INTRODUCTION

OpenEye is pleased to announce the official launch of the highly anticipated MD-Series Cloud-Managed PoE plug n play recorder.

The OpenEye MD-Series (OE-MD) recorder is designed to offer customers a cost-effective, plug n' play, IP recording solution. The all metal, compact 1U chassis is well-suited for installation in a variety of environments. Available with a built-in 8 or 16 channel PoE switch, the MD-Series cloud-managed recorder features dual NICs, relay/sensor connections and runs a secure Linux operating system. A solid-state OS hard drive comes standard to improve reliability and provide faster boot times. Single-cable connection for PoE cameras and a built-in configuration wizard for Apex server software makes setup fast and easy.

The MD-Series cloud-managed recorder is fully integrated with OpenEye Web Services and offers centralized user management, single sign-on convenience, mobile apps and a web client that allows for easy remote connection to your recorders. Complete network setup is hassle-free thanks to OpenEye's Web Connect technology which eliminates the need for port forwarding or entering IP settings into remote clients.

VALUE PROPOSITION

The MD-Series cloud-managed recorder is OpenEye's newest NDAA compliant M-Series recorder. The compact form factor and plug n' play capability offers quick and easy installation and setup. With support for up to 20TB of internal storage, the MD-Series provides customers the flexibility needed to support varying storage requirements.

The recorder is pre-loaded with OpenEye's Apex software, and ready to be connected to feature-rich OpenEye Web Services. The MD-Series combines extensive user-friendly features, functionality, and controllability with reliable hardware in a compact and easy to install chassis.

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BENEFITS

- Compact – The 1U design of the MD recorder allows for easy installation anywhere it's needed
- Quiet – The MD has a dB level of only 44dB for near undetectable operation in most environments
- Rack or Wall Mountable
 - Every 16 channel MD recorder comes with a rack mount kit standard
 - Every 8 channel MD recorder comes with a wall mount kit standard
- NDAA Compliant – Allows for use in all projects, including Government facilities.
- All-in-one solution – Reduces system cost and installation time
- Plug n' play – Reduced setup time saves on labor charges

COMPARISON CHART

| | OE-MDX08 | OE-MDX16 | OE-MEX16 | OE-MLX16 |
|-------------------------------|------------------------|------------------------|----------------|-----------------------------|
| Max Storage Capacity | 20TB | 20TB | 20TB | 24TB |
| SSD Boot Drive | Standard | Standard | Standard | Standard |
| Recording Rate | 100Mbps | 100Mbps | 100Mbps | 300Mbps |
| IP Recording Channels | 24 | 24 | 24 | 32 (max 80*) |
| PoE Switch Load | 100W | 140W | 150W | 200W |
| PoE+ Ports | 8 | 16 | 16 | 16 |
| Network Ports | Dual GbE | Dual GbE | Dual GbE | Dual GbE |
| Max Display Resolution | 4k | 4k | 4k | 4k |
| Display Outputs | x1 HDMI or DisplayPort | x1 HDMI or DisplayPort | x1 HDMI or VGA | x2 HDMI** |
| Operating System | Linux | Linux | Linux | Linux (Windows optional) |
| Rack Mountable | Wall Mount | Included | Included | Included |
| MSRP | \$1,691 (8TB) | \$1,971 (8TB) | \$1,680 (8TB) | \$2,310 (8TB) |

* With performance and OS upgrade

**2 x HDMI available with Windows

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HARDWARE SPECIFICATIONS

| | 8CH | 16CH |
|--------------------------------|--|-------------------------|
| IP Recording Channels | 24 | |
| Built-In PoE Ports | 8 | 16 |
| Recording Rate | 100Mbps | |
| Video Outputs | x1 HDMI or DisplayPort | |
| Digital Relay Outputs | x4 Form A contacts | |
| Alarm Sensor Inputs | x4 Form A contacts | |
| USB Ports | Front: x2 USB 2.0 ports Rear: x2 USB 3.0 | |
| Operating System | Linux | |
| Storage Capacity (Size) | Up to 20TB | |
| Network | Dual GbE | |
| Power Supply Rating | 180W | 200W |
| PoE Switch Load | 100W | 140W |
| Operating Temperature | Max Operating Temperature: 104 °F (40 °C) | |
| Rack Mount | Wall Mount Kit Included | Rack Mount Kit Included |
| Keyboard & Mouse | Included | |
| Country of Origin | Taiwan | |
| Dimensions | 8.7" x 10.8" x 1.7" | 11.8" x 11" x 1.7" |
| Unit Weight | 3.5 lbs | 5 lbs |
| OS Drive | Dedicated Solid State | |

SOFTWARE FEATURES

| | |
|------------------------------------|---|
| Video Signal Loss Detection | Yes |
| Motion Detection | Server Side (Adjustable Sensitivity, Custom Grid) |
| Remote Operation | Complete remote operation (Live view, Search, Setup, Updates) |
| Remote Software | Command Station / Thin (web) Client / Mobile Apps |
| PTZ Control | IP Protocol |
| Recording Mode | Continuous / Motion / Continuous + Motion |
| Playback Search | Multi-channel playback / Calendar / Timeline / Thumbnail / Events |
| Backup | Cloud / Network / USB |
| Video Signal Loss Detection | Yes |
| Digital Signature Support | AVI and JPG |
| NAT Traversal | Yes |

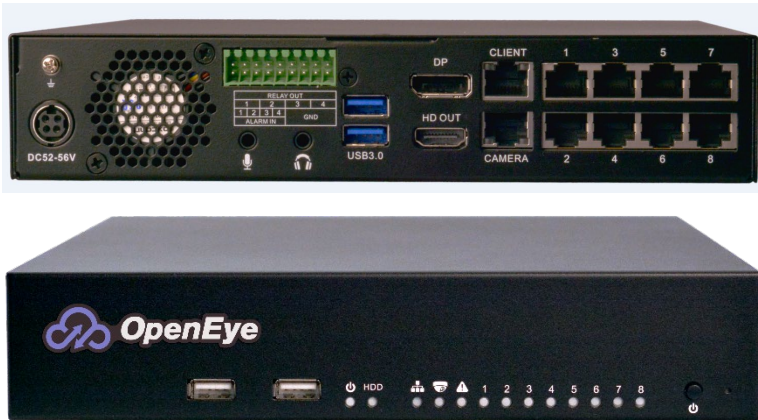
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PART NUMBER BREAKDOWN

| Part Number | Description |
|-------------|--|
| OE-MDX08xx | OE-MDXYYZZ |
| OE-MDX16xx | |
| | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>OE-MDX</p> <p>↓</p> <p>MD-Series</p> </div> <div style="text-align: center;"> <p>YY</p> <p>↓</p> <p>On-board PoE Ports</p> </div> <div style="text-align: center;"> <p>ZZ</p> <p>↓</p> <p>Storage (TB)</p> </div> </div> |

PRODUCT IMAGES

OE-MDX08



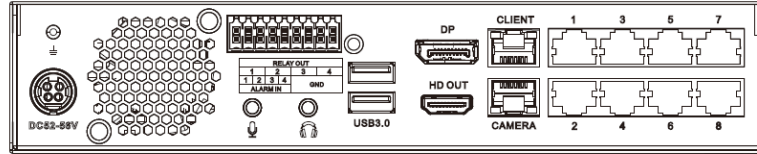
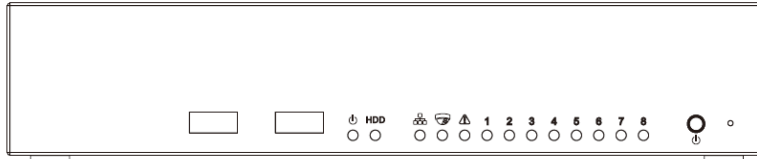
OE-MDX16



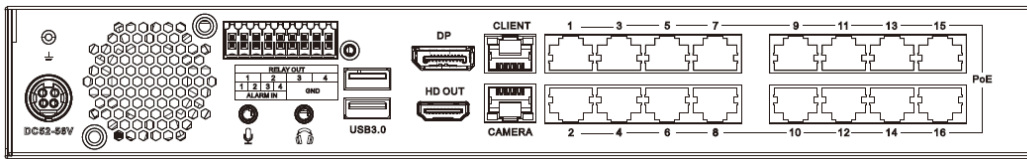
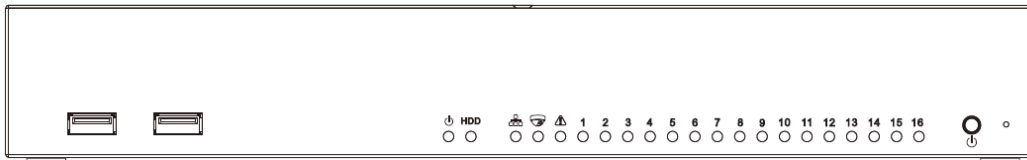
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LINE DRAWINGS

OE-MDX08



OE-MDX16



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