

ME-SERIES CLOUD-MANAGED APPLIANCE

General Information:

Product Manager: S. McCall

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INTRODUCTION

OpenEye is proud to announce the official launch of the ME-Series Cloud-Managed Appliance.

The OpenEye ME-Series (OE-ME) appliance is designed to offer customers an affordable, plug-n-play, IP recording solution in a compact 1U chassis that is equally suited for single recorder or multi-location installations. Available with a built in 8 or 16 channel PoE switch, the ME-Series cloud-managed appliance features dual NICs, relay/sensor connections and runs a secure Linux operating system. A standard solid state OS drive improves reliability and provides faster boot times. Single-cable connection for PoE cameras and a built-in configuration wizard for Apex server software make setup fast and easy.



The ME-Series cloud-managed appliance 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 Web Connect, and eliminates the need for port forwarding or entering IP settings into remote clients.

VALUE PROPOSITION

The OpenEye ME-Series cloud-managed appliance is reliable, simple to sell, quiet, and easy to install. The ME-Series appliance supports up to 24TB of internal storage which provides IP video customers with cost-effective flexibility needed to support varying storage requirements.

The ME-Series appliance packages fully integrated OWS features and functionality with reliable hardware, in a compact and easy to install chassis, providing customers with the most cost-effective and balanced recorder in the OpenEye Apex product line up.

1. **Easy Installation** - Compact & rack mountable, built in Poe, plug-n-play, setup wizard
2. **Competitively Priced** – allows competing in project bids and quotes against low end incumbents
3. **Strong Differentiation** – US developed software, Cyber secure, OWS Enabled Functionality

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BENEFITS

Hassle Free Operation and Administration

- Complete remote operation and administration
- Account single sign-on
- Online user management
- Cloud video export and sharing
- Cloud-based health monitoring and reporting with real time alerts
- Remote software updates with no need to be on-site
- Advanced cyber security including multi-factor authentication for remote access

Compact, Quiet, and Rack Mountable

The ME-Series has a compact 1U form factor, providing easy installation to reduce setup time and improve profitability:

- Compact – The 1U design of the ME allows for easy installation anywhere it's needed.
- Quiet – The ME has a dB level of only 44dB for near undetectable operation in most environments
- Rack Mountable – Every ME-Series comes with a rack mount kit standard which allows for easy installation in any standard server rack

Affordable

The ME-Series is designed as an affordable entry point to the OWS ecosystem for single installation projects or as a competitive multi location solution.

- All-in-one solution – Reduces system cost and installation time
- Plug-n-play – Reduced setup time saves on labor charges

Customer Need, Feature Function, Value

Customer Need	Feature / Function	ME-Series Value
<ul style="list-style-type: none"> Ease of Use 	<ul style="list-style-type: none"> Online user management Online export and sharing Remote software updates Single sign-on 	<p>ME-Series Value:</p> <p>Improves operational efficiencies and drives value across an entire organization by simplifying user management and IT support.</p>
<ul style="list-style-type: none"> Cyber Secure 	<ul style="list-style-type: none"> Multi-factor authentication Centralized role-based user management Transport layer security No inbound ports 	<p>ME-Series Value:</p> <p>OpenEye Web Services uses state-of-the-art data centers and industry-leading technology providers to shield user data from unwanted access and protects you against data loss or down time.</p>
<ul style="list-style-type: none"> Affordability 	<ul style="list-style-type: none"> The ME was specifically designed to be low cost OWS/Apex recorder 	<p>ME-Series Value:</p> <p>All-in-one hardware design bundled with Apex Embark server software allows the ME to hit an attractive price point lower than any other OWS/Apex option available.</p>
<ul style="list-style-type: none"> Remote Access 	<ul style="list-style-type: none"> Live, Search and Setup on all major browsers with no additional plug-ins Single sign-on with no DDNS or IP addresses to remember 	<p>ME-Series Value:</p> <p>Web Connect allows users to access their video using nothing more than their email address and a password, significantly reducing the complexity of connecting remotely to a recorder.</p>
<ul style="list-style-type: none"> System Reliability Rapid boot times 	<ul style="list-style-type: none"> A Standard OS SSD boot drive allows for a significant decrease in boot time and also provides continued operation and error reporting in the event of a storage drive failure. 	<p>ME-Series Value:</p> <p>Boot time is cut in half with the SSD boot drives. Systems are up and running quicker with faster database searching (beneficial for event search).</p>

COMPARISON CHART

OE-ME / OE-ML / OE-MG Feature Comparison

Features	OE-ME	OE-ML / OE-MG
OWS Enabled	Yes	Yes
Maximum Storage Drives	2	2 / 4
Maximum Storage Capacity	24TB	24TB / 48TB
SSD Boot Drive	Standard	Standard
Recording Rate	100 Mbps	300Mbps
PoE Switch Load	150W	175W / N/A
PoE+ Ports	Up to 16	Up to 16 / N/A
Network Ports	2 x GbE	2 x GbE
Maximum Display Resolution	4K	1080P
Monitor Outputs	HDMI, VGA	DVI-I, 2x HDMI
CPU	Celeron Quad Core	i5
Base System Memory	4GB	8GB
Command Station	Yes	Yes
Software License	Embark / Traverse	Embark / Traverse / Professional
Operating System	Linux	Linux / Windows (Optional)
Max IP channels	24	16 (ML) / 32 (MG)
Maximum Console live view	16 Channels	16 (ML) / 32 (MG)
Maximum Global Search	16 Channels	16 (ML) / 32 (MG)
Maximum Client Side live view	16 Channels	16 (ML) / 32 (MG)
Secondary Spot Monitor	No	Yes (Windows)
Rack Mountable	Yes (Kit included)	Yes (Kit included)

SPECIFICATIONS

	OE-MEX08	OE-MEX16
Camera Channels	8	16
Max IPS Per Channel	30IPS (dependent on camera settings)	
Recording Rate	Up to 100Mbps	
Maximum Display Resolution	4K	
Image Compression	H.264	
Audio Outputs	IP Audio support	
Video Outputs	1 x HDMI / 1 x VGA	
Alarm Sensor Inputs	4 x Form A contacts	
Digital Relay Outputs	2 x Form A contacts	
USB Ports	Front: 2 x USB 2.0 Rear: 2 x USB 2.0 / 2 x USB 3.0	
Video Signal Loss Detection	Yes	
Maximum Console Live View	16 Channels	
Maximum Client Side Live View	16 Channels	
Maximum Global Search	16 Channels	
Motion Detection	Server Side (Adjustable Sensitivity, Custom Grid)	
Remote Operation	Command Station (desktop VMS client) / Thin Client / Mobile Apps	
User Management	Local or web based user permissions and account management	
Recording Mode	Continuous / Motion / Continuous + Motion	
Playback Search	Multi-channel playback (1, 4, 9, 16) / Calendar / Timeline / Thumbnail	
Clip Backup	Cloud (OWS) / USB 2.0 / USB 3.0	
Digital Signature Support	MP4	
Web Connect	Yes	
Operating System	Linux	
Network	Dual GbE NICs	
Operating Temperature	Max Temperature: 104 °F (40 °C)	
OS Drive Configuration	SSD	
Maximum Power Consumption	195W	
PoE Switch Load	150W (maximum 25W per port)	
Power Supply	290W (100V-240V Auto Switching)	
Keyboard and Mouse	Included	
Storage Configuration	Up to 24TB	
Dimensions	W: 17.25 x H: 1.75 x D: 13.5in (348 x 44 x 343mm)	
Rack Mount	Rack mount installation kit included	
Certification	UL	
Warranty	3 year, 1 year advanced replacement	

PART NUMBER BREAKDOWN

PRODUCT	DESCRIPTION		
OE-MEX08xx	OE-MEX XX XX		
OE-MEX16xx	OE-MEX	XX	XX
	↓	↓	↓
	ME-Series	Onboard PoE Ports (08 or 16)	TB storage configuration

Rack Mount Kit

A complete rack mounting installation kit is included standard with every ME order.

Recording Licenses and Upgrades

OE-ASE1-P - Apex Embark 1 Ch Rec License

OE-AST1-P - Apex Traverse 1 Ch Rec License

OE-ASP1-P - Apex Prof 1 Ch Rec License

OE-ASU1E2T - Apex Embark to Traverse 1 Channel Upgrade

OE-ASU1T2P - Apex Traverse to Prof 1 Channel Upgrade

OWS Subscription Extensions

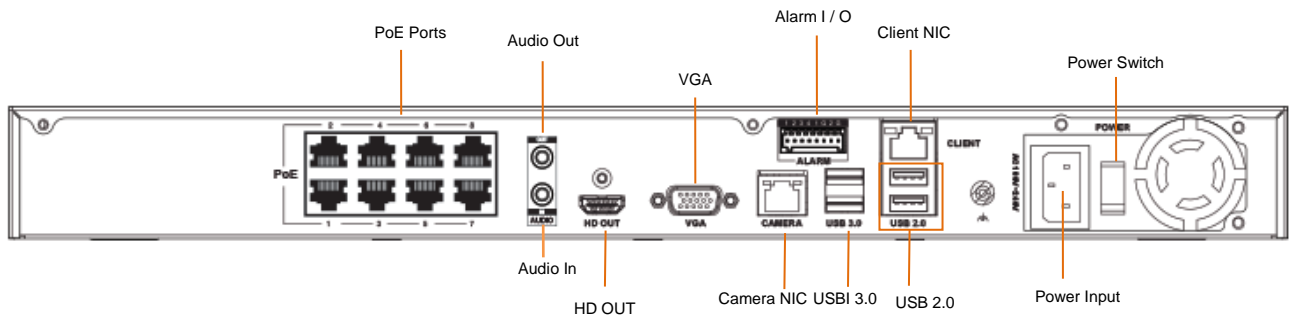
OE-OWS1Y - 1 Year OWS 1CH Access License

LINE DRAWINGS

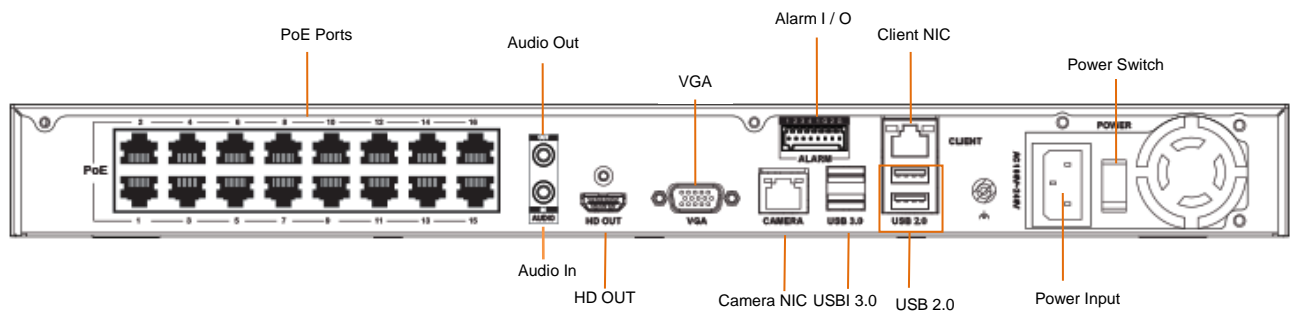
OE-ME Front Panel



ME-SERIES REAR PANEL (8 CHANNEL)



ME-SERIES REAR PANEL (16 CHANNEL)



DOCUMENTATION

Specifications Sheet:

<https://www.openeye.net/documents/me-series-specifications-sheet>

Hardware Manual:

<https://www.openeye.net/documents/me-series-hardware-manual>

Quick Start Guide:

<https://www.openeye.net/documents/me-series-quick-start-guide>

Apex Software Manual

<https://www.openeye.net/documents/ows-apex-console-thin-client-software-manual>