OpenEye®

CLOUD-MANAGED NETWORK SERVER

MK-SERIES • MH-SERIES

GET MORE FROM YOUR SECURITY INVESTMENT WITH OPENEYE WEB SERVICES

Welcome to the future of video surveillance! OpenEye Web Services is a powerful, cloud enabled video management platform which improves operational effectiveness and drives value across your entire organization. OWS delivers innovative solutions which produce a greater return on your investment, simplify the management of your video system, and provide a safer, more secure surveillance solution.

CENTRALIZED USER MANAGEMENT

The OWS web interface provides secure storage of all user profile information, allowing role-based management for hundreds of users.

HEALTH MONITORING

Cloud-based health monitoring ensures your cameras and recorders are working properly and minimum recording retention levels are being met.

ALERTS AND REPORTS

OWS grants insight into operational events at recorder locations and provides valuable business intelligence based on customer or employee activity.

SINGLE SIGN-ON

Log into OpenEye Web Services, Apex Server, Command Station, and OpenEye Mobile using the same email address and password.

CLIP SHARING

Export video clips to the cloud so they cannot be lost. Share video clips via email with password protection.

FEATURES

- Fully integrated with OpenEye Web Services (OWS)
- Complete remote operation and administration with Web Connect
- Record up to 64 channels of IP video per server
- Up to 160TB on-board storage
- Removable front drive bays for easy expansion
- Solid state OS drive for improved reliability and fast boot times
- RAID storage and redundant OS drive options ensure maximum up time
- Online User Management via OWS
- 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
- Support for all major Windows and Mac browsers with no plug-ins to install
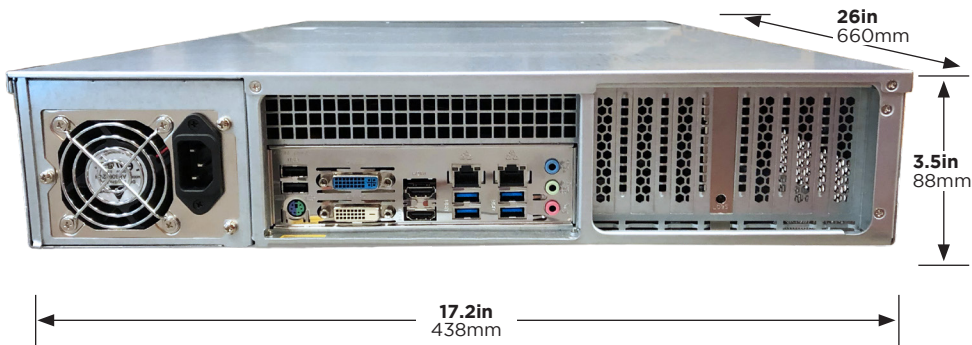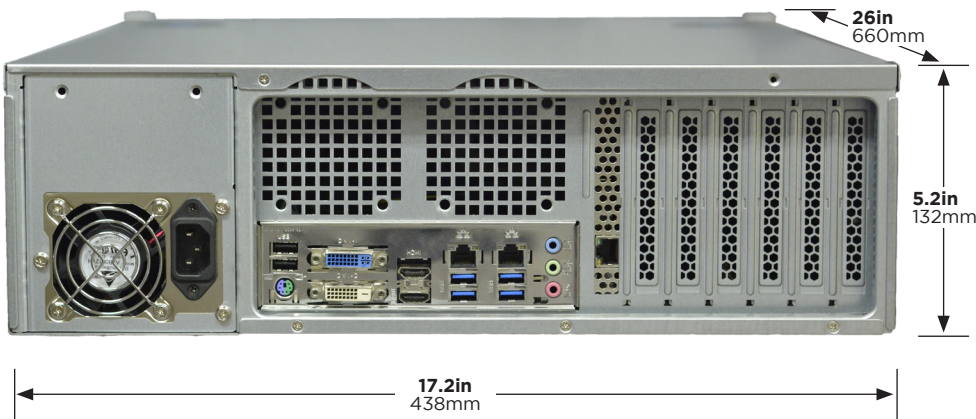- Mobile apps available for Android and iOS

www.openeye.net

TECHNICAL SPECIFICATIONS

	OE-MKX	OE-MHX
RECORDING		
Max IP Channels	64	
Recording Resolutions	Up to 4K Ultra HD	
Max Recording Rate	**JBOD:** 250 Mbps / **RAID:** 500 Mbps	
Image Compression	H.264	
Audio Support	IP Camera Audio (dependent on camera)	
CONNECTIONS		
Video Outputs	1 x DVI-D / 1 x DVI-I / 2 x HDMI® (maximum one monitor support)	
Maximum Display Resolution	4K	
Network 1	Dedicated Intel®GBE for Client Network	
Network 2	Dedicated Intel®GBE for Camera Network	
Alarm Sensor Inputs	4 x Form A contacts (optional add-on)	
Digital Relay Outputs	4 x Form A contacts (optional add-on)	
USB Ports	**Front:** 2 x USB 2.0 **Rear:** 2 x USB 2.0 / 4 x USB 3.0	
SOFTWARE		
Operating System	Microsoft Windows	
Video Signal Loss Detection	Yes	
Motion Detection	Server Side (Adjustable Sensitivity, Custom Grid)	
Remote Operation	Command Station (desktop VMS client) / Thin (web) 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 / Calendar / Timeline / Thumbnail	
Clip Backup	DVD-RW / Cloud / USB	
Digital Signature Support	Yes	
Web Connect	Yes	
GENERAL		
Keyboard and Mouse	Included	
DVD Drive	Yes	
Internal Power Supply	650W (100V-240V Auto Switching)	650W (100V - 240V Auto Switching)
Max Power Consumption	**JBOD:** 160W / **RAID:** 175W	**JBOD:** 245W / **RAID:** 300W
Operating Temperature	Max Operating Temperature: 104 °F (40 °C)	
RECORDER		
OS Drive Configuration	Dedicated Solid State Drive	Dedicated Dual SSD - Configured as RAID 1
Max Storage Configuration	**JBOD:** 80TB / **RAID5:** 80TB	**JBOD:** 160TB / **RAID5:** 96TB
Processor	Intel® i7	
Dimensions	**W:** 17.2 x **H:** 3.5 x **D:** 26in (438 x 88 x 660mm)	**W:** 17.2 x **H:** 5.2 x **D:** 26in (438 x 132 x 660mm)
Unit Weight	43lbs (19.5kg)	77lbs (34.9kg)
Rack Mount	Installation Kit and Rack Slide Kit Included	
Regulatory	ETL (Intertek) Certified	
Warranty	3 Years, 1 year advanced replacement	

DIMENSIONS

OE-MK

26in
660mm

3.5in
88mm

17.2in
438mm

OE-MH

26in
660mm

5.2in
132mm

17.2in
438mm

IMAGES

OE-MK

OE-MH

SOFTWARE AND OWS PART NUMBERS

OE-AST1 - Apex Traverse 1 Ch Rec License

OE-ASP1 - Apex Prof 1 Ch Rec License

OE-AST1-EXP - Apex Traverse 1 Ch Exp License

OE-ASP1-EXP - Apex Prof 1 Ch Exp License

OE-OWS1Y - Apex 1 Year 1Ch Access License

OE-OWS4Y - Apex 4 Year OWS 1CH Access License

MODELS

OE-MKXxx(R)

OE-MHXxx(R)

xx = TB storage configuration
R = Raid configuration