OpenEye®

OE-MB

Cloud-Managed Hybrid Appliance

An affordable hybrid recording solution, the OE-MB supports up to 16 channels of standard or HD analog for retrofit applications.
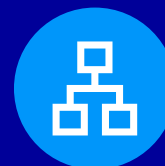
STANDARD OR HD ANALOG
Supports up to 16 channels of standard or HD analog video.

16 BNC INPUTS
Equipped with 16 BNC analog inputs

DUAL GB NICS
Boost network performance with dedicated WAN and camera network ports.

ALARM I/O
Integrate external devices for real-time alerts and monitoring.

2 DRIVE CAPACITY
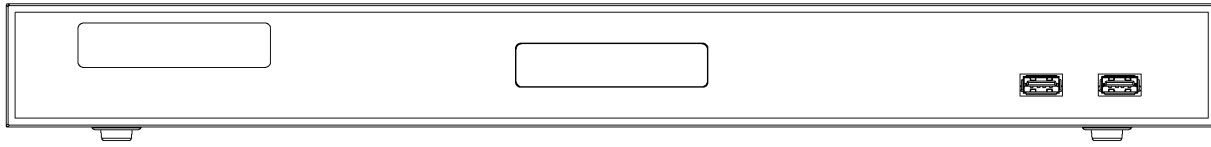Record video on up to 2 drives for increased storage retention.

APPLIANCE SPECIFICATIONS

	OE-MBX16
Channel Count	24 (Up to 16 BNC connections)
Recording Rate	150Mbps
Video Outputs	1x HDMI®, 1x VGA
Supported Video Input	**HD-TVI:** 8MP, 5MP, 4MP, 3MP, 2MP, 1MP **AHD:** 5MP, 4MP, 2MP, 1MP **HD-CVI:** 4MP, 2MP, 1MP **CVBS:** PAL, NTSC
Maximum Frame Rate	**Primary Stream:** 8MP@8FPS, 5MP@12FPS, 4MP@15FPS, 3MP@18FPS, 2MP@30FPS **Substream:** WD1, 4CIF, CIF 30FPS
Digital Relay Outputs	2x Form A Contacts
Alarm Sensor Inputs	4x Form A Contacts
Video Signal Loss Detection	Yes
Motion Detection	Server Side (Adjustable Sensitivity, Custom Grid)
OWS AI Capable	**Smart Motion Channels:** 24 Limitations Apply. Click here to learn more.[1]
Remote Operation	Complete Remote Operation (Live View, Search, Setup, Updates)
Remote Software	Web Client, Command Station Desktop Client, OpenEye Mobile Apps
PTZ Control	IP Protocol
Recording Mode	Continuous, Event, Continuous + Event
Playback Search	Multi-channel Playback, Calendar, Timeline, Thumbnail, Event
Backup	Cloud, Network, USB
USB Ports	**Front:** x2 USB 2.0 Ports | **Rear:** x2 USB 3.0 and x2 USB 2.0
Digital Signature Support	AVI and JPG
Operating System	Linux
Storage Capacity (Size)	40TB
Network	Dual GbE
Power Supply	150W
Power Rating	AC 100~240V, <2.5A, 50-60Hz
Max Power Consumption	**Max:** 73W | **Nominal:** 59W
Built-in Analog Inputs	16 BNC (1.0Vp-p,75Ω) PAL, NTSC Self-adaptive
Max Operating Temperature	140°F (60°C)
Mounting Hardware	Rack Mount Ears Included
Mouse	Included
Country of Origin	Made in Korea
NDAA Compliant	Yes
Dimensions	17.3" x 13.6" x 1.9" (440 x 344 x 49mm)
Unit Weight	9.5lbs
Certification	CE, FCC, UL, cUL
SSD OS Drive	Standard
Storage Drives (Qty)	2

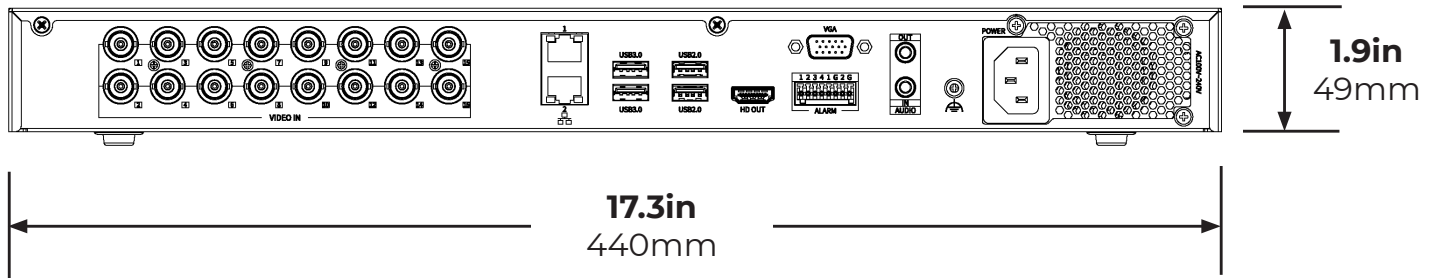1. Capable of running analytics but requires additional licensing and/or hardware compatibility.

DIMENSIONS

OE-MBX16 (Front)

OE-MBX16 (Back)

1.9in
49mm

17.3in
440mm

MODELS

OE-MDX16xx
16 Channel Recorder