OpenEye®

OE-MB

# Cloud-Managed Analog Appliance

An affordable analog recording solution, the OE-MB supports up to 16 channels of analog video for retrofit applications.




2 Drive

**2 Drive Capacity**
Record video on up to 2 drives for increased storage retention.

**Standard or HD Analog**
Delivers high-definition video over traditional analog connections.

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

16 BNC

**16 BNC Inputs**
Equipped with 16 BNC analog inputs.

**Dedicated Camera Network**
Isolate video traffic for enhanced security and performance.

# Specifications

| | OE-MBX16 |
|---|---|
| Max Channel Count | 24 (Up to 16 BNC connections) |
| Max Recording Rate | 150Mbps |
| Generation | 1 |
| Video Outputs | 1x HDMI®, 1x VGA |
| Supported Video Inputs | **HD-TVI:** 8MP, 5MP, 4MP, 3MP, 2MP, 1MP \| **AHD:** 5MP, 4MP, 2MP, 1MP<br>**HD-CVI:** 4MP, 2MP, 1MP \| **CVBS:** PAL, NTSC |
| Max Frame Rate | **Primary Stream:** 8MP@8FPS, 5MP@12FPS, 4MP@15FPS, 3MP@18FPS, 2MP@30FPS<br>**Substream:** WD1, 4CIF, CIF 30FPS |
| Digital Relay Outputs | 2x Form A Contacts |
| Alarm Sensor Inputs | 4x Form A Contacts |
| USB Ports | **Front:** 2x USB 2.0 Ports \| **Rear:** 2x USB 3.0 and 2x USB 2.0 |
| Operating System | Linux |
| Storage Drives (QTY) / Capacity (Size) | Up to 2 Drives / Up to 40 TB |
| Network | 1x 1GbE (1 Gbps / 100 Mbps) — Client Network Interface<br>1x 1GbE (1 Gbps / 100 Mbps) — Camera Network Interface |
| 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) |
| Country of Origin | Republic of Korea |
| Dimensions | 17.3" x 13.6" x 1.9" (440 x 344 x 49mm) |
| Unit Weight | 9.5lbs (4.31kg) |
| Certifications | CE, FCC, UL, cUL, NDAA |
| SSD OS Drive | Standard |
| Audio Support | IP Camera Audio (dependent on camera) |

| Analytic & Software Capabilities | |
|---|---|
| OWS AI Capable | Subject to limitations. Analytic channel count may vary according to system configuration, licensing terms, and operating conditions. Click here to learn more.[1] |
| Smart Motion[1] | Linux 24 |
| Person & Vehicle | Linux 10[2] |
| Remote Clients | OWS Cloud Portal, Command Station Desktop Client, OWS Server Software, OpenEye Mobile Apps |
| Video Signal Loss Detection | Yes |
| Recording Mode | Continuous, Event, Continuous + Event |
| Backup | Cloud, Network, USB |
| Digital Signature Support | MP4 and JPG |

| What's Included | |
|---|---|
| Mounting Hardware Included | Rack Mount Ears |
| Additional Box Contents | Power Cord, Mouse, Alarm I/O Block |

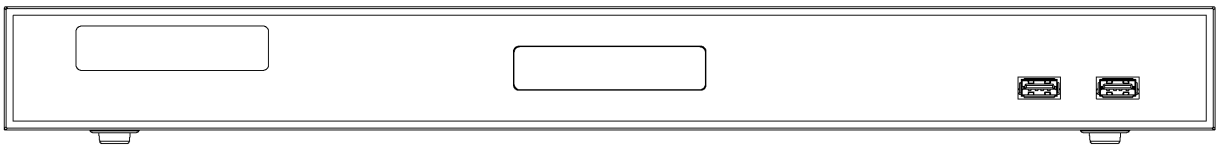
1. Capable of running analytics but requires additional licensing and/or hardware compatibility
2. Not supported on analog video

## Specifications

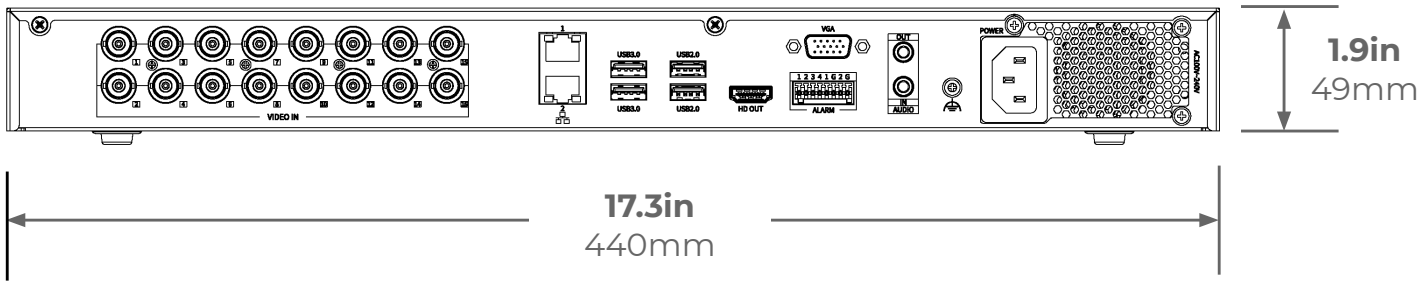
| Upgrades | |
|---|---|
| Performance Upgrades | N/A |

## Dimensions

### OE-MBX16 (Front)



### OE-MBX16 (Back)




### MODELS

**OE-MBX16xx**

**xx** = TB Storage Configuration

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