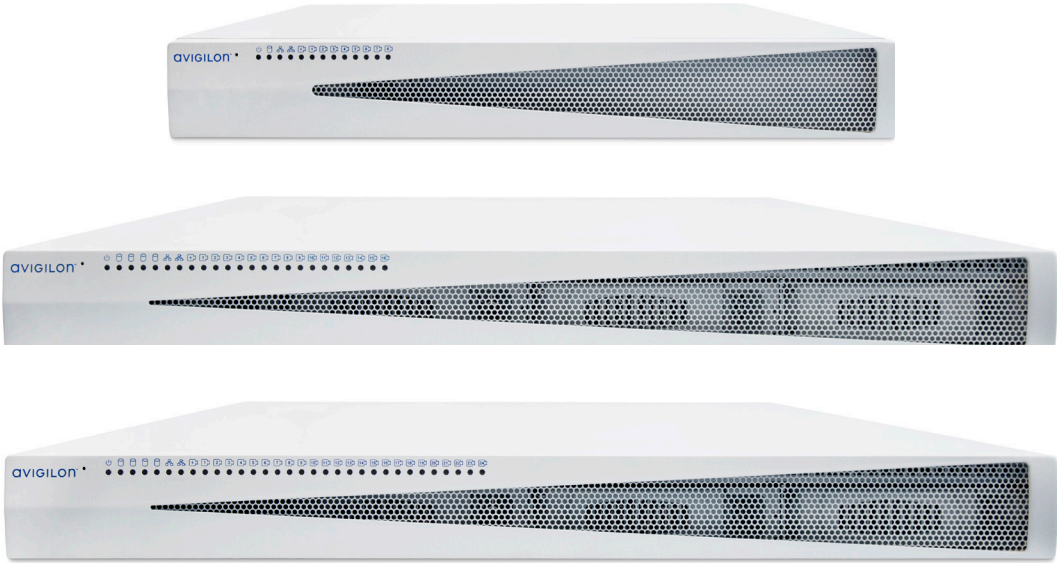


Video Appliance

The new generation of Avigilon Video Appliances provide an all-in-one security solution with improved performance and higher capacity that help reduce installation time and overall complexity of the surveillance system. The Video Appliance line integrates our ACC™ video management software with a high-powered PoE switch and a client workstation to provide a cost effective recording and video management solution that is capable of supporting multi-megapixel IP cameras, up to our industry-leading 7K (30 megapixel) HD Pro camera line.



Avigilon Video Appliances can be easily added to an existing Avigilon video surveillance system, or as a standalone system for small to medium-scale surveillance deployments.

The compact and powerful 8-port model is an ideal turnkey solution for small video surveillance deployments.

The 16 and 24 port Pro models are suitable for larger installations requiring advanced functionality such as RAID protection, larger storage, increased camera support, and superior overall performance.

KEY FEATURES

- Preloaded and configured with ACC Video Management Software
- High performance of up to 400 Mbps (16 and 24 port) and 200 Mbps (8 port) of total throughput – simultaneous recording, playback, and live streaming
- Up to 24TB of recording capacity with the 1U rack mount appliances and 8TB of recording capacity with the 8-port model
- Front-accessible video storage hard drive streamlines maintenance
- Includes digital alarm inputs and outputs for integration with external systems
- Solid State Drive OS volume ensures high speed operation
- Embedded managed switch with powered PoE outputs provide up to 30 Watts of power per port on all ports
- Includes high-performance RAID 5 technology that protects and enables access to a drive's data in the event of failure, even while the drive is being replaced and rebuilt*
- Protected by a three-year warranty from Avigilon

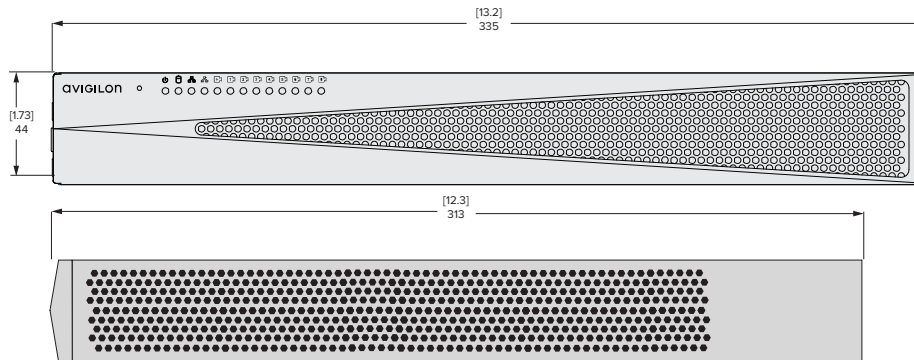
*On Pro models only

Outline Dimensions

Video Appliance — 8 Port

(VMA-AS3-8P)

| | |
|-------|--------|
| [X.X] | INCHES |
| X | MM |



Specifications

| | | | | | | | | |
|-----------------------------|---|---|-------------------|----------------|----------|--------------|--------------|--------------|
| SYSTEM | Control Center Edition | Core; Standard and Enterprise compatible | | | | | | |
| | Recording Rate | Up to 100 Mbps | | | | | | |
| | Playback Rate | Up to 100 Mbps | | | | | | |
| | Recording Image Rate | Up to 30 images per second per channel | | | | | | |
| | Local Viewing | Yes | | | | | | |
| | Operating System | Microsoft® Windows 10 IoT Enterprise | | | | | | |
| | Hard Disk Drive Configuration | 1 × 3.5" SATA | | | | | | |
| | Recording Storage Capacity | Up to 8 TB | | | | | | |
| | Memory | 8 GB DDR4 | | | | | | |
| | Video Outputs | 2 × HDMI ports | | | | | | |
| | PoE+ Ports | 8 × 10/100/1000 Mbps (IEEE 802.3at) | | | | | | |
| | PoE Output | Up to 30W/Port (120W Total) | | | | | | |
| | Camera Network Uplink | 10/100/1000 Mbps | | | | | | |
| | Corporate Network Uplink | 10/100/1000 Mbps | | | | | | |
| | External I/O Terminals | 4 × Digital Inputs (25Vdc max.) and 4 × Relay Outputs (24Vdc/1A max.) | | | | | | |
| | Switch Control | Managed Switch with Web-based UI | | | | | | |
| | USB | 2 × USB 3.0 | | | | | | |
| | MECHANICAL | Form Factor | Small form factor | | | | | |
| Dimensions (LxWxH) | | 313 mm × 335 mm × 44 mm; 12.30" × 13.2" × 1.73" | | | | | | |
| Weight | | 3 kg; 6.4 lb | | | | | | |
| ELECTRICAL | Power Input | 100 to 240 VAC, 50/60 Hz | | | | | | |
| | Power Supply | Single non-redundant | | | | | | |
| | Power Consumption | 80 W min.; 200 W max. | | | | | | |
| ENVIRONMENTAL | Operating Temperature | 0°C to 40°C (32°F to 104°F) | | | | | | |
| | Storage Temperature | -40°C to 65°C (-40°F to 149°F) | | | | | | |
| | Humidity | 10 - 90% Relative humidity (non-condensing) | | | | | | |
| CERTIFICATIONS | Certifications/Directives | UL | cUL | CE | RoHS | WEEE | RCM | |
| | Safety | UL 62368-1 | CSA 62368-1 | IEC/EN 62368-1 | | | | |
| | Electromagnetic Emissions | (Class B) FCC Part 15 Subpart B | | IC ICES-003 | EN 55032 | EN 61000-6-3 | EN 61000-3-2 | EN 61000-3-3 |
| | Electromagnetic Immunity | EN 55024 | EN 61000-6-2 | | | | | |
| ORDERING INFORMATION | PRODUCTS | | | | | | | |
| | VMA-AS3-8P2 | HD Video Appliance 8 Port 2 TB | | | | | | |
| | VMA-AS3-8P4 | HD Video Appliance 8 Port 4 TB | | | | | | |
| | VMA-AS3-8P8 | HD Video Appliance 8 Port 8 TB | | | | | | |
| | ACCESSORIES | | | | | | | |
| | RMS1U-B-AS3-8P | 1U Rack Mountable Shelf for HDVA3 8-port | | | | | | |
| | ENC-4P-H264 | 4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs | | | | | | |
| | ENC-BRK1U | 1U Rack Mountable Bracket for 3 ENC-4P-H264 | | | | | | |
| | VMA-AS3-HDD02 | HDVA3, 2TB Hard Drive Compatible with 8-Port, 16-Port | | | | | | |
| | VMA-AS3-HDD04 | HDVA3, 4TB Hard Drive Compatible with 8-Port, 16-Port, 24-Port | | | | | | |
| VMA-AS3-HDD08 | HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port | | | | | | | |
| PS-270W-AS3-8P | HDVA3, 8-Port Power Supply - no power cord | | | | | | | |

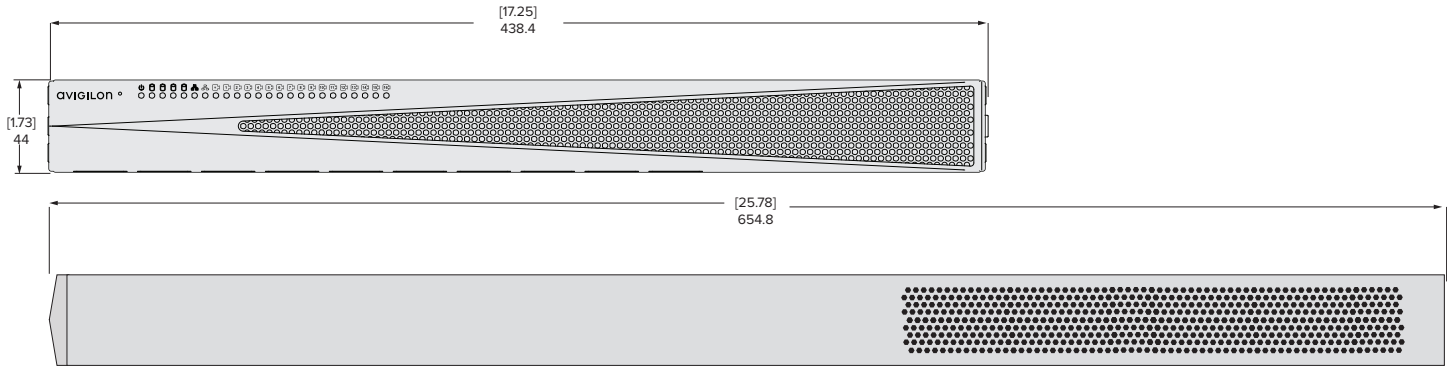
VMA-AS3-xxPxx-NA =  VMA-AS3-xxPxx-UK =  VMA-AS3-xxPxx-EU =  VMA-AS3-xxPxx-AU = 

Outline Dimensions

Video Appliance Pro — 16 Port

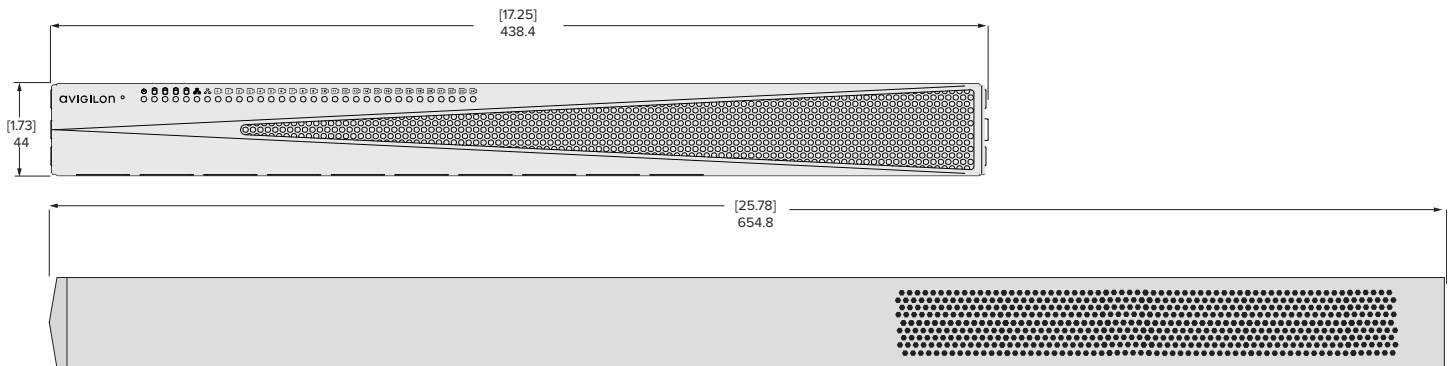
(VMA-AS3-16P)

| [X.X] | INCHES |
|-------|--------|
| X | MM |



Video Appliance Pro — 24 Port

(VMA-AS3-24P)



Specifications

SYSTEM

| | VIDEO APPLIANCE PRO 16-PORT | VIDEO APPLIANCE PRO 24-PORT |
|-------------------------------|---|---|
| Control Center Edition | Standard; Enterprise compatible | Standard; Enterprise compatible |
| Recording Rate | Up to 300 Mbps | Up to 300 Mbps |
| Playback Rate | Up to 100 Mbps | Up to 100 Mbps |
| Recording Image Rate | Up to 30 images per second per channel | Up to 30 images per second per channel |
| Local Viewing | Yes | Yes |
| Operating System | Microsoft Windows 10 IoT Enterprise | Microsoft Windows 10 IoT Enterprise |
| Hard Disk Drive Configuration | RAID 5 — Up to 4 × 3.5" SATA | RAID 5 — Up to 4 × 3.5" SATA |
| Recording Storage Capacity | Up to 12 TB | Up to 24 TB |
| Memory | 8 GB DDR4 | 8 GB DDR4 |
| Video Outputs | 2 × HDMI ports | 2 × HDMI ports |
| PoE+ Ports | 16 × 10/100/1000 Mbps (IEEE 802.3at) | 24 × 10/100/1000 Mbps (IEEE 802.3at) |
| PoE Output | Up to 30W/Port (240W Total) | Up to 30W/Port (360W Total) |
| Camera Network Uplink | 10/100/1000 Mbps | 10/100/1000 Mbps |
| Corporate Network Uplink | 10/100/1000 Mbps | 10/100/1000 Mbps |
| External I/O Terminals | 4 × Digital Inputs (25Vdc max.) and 4 × Relay Outputs (24Vdc/1A max.) | 4 × Digital Inputs (25Vdc max.) and 4 × Relay Outputs (24Vdc/1A max.) |
| Switch Control | Managed Switch with Web-based UI | Managed Switch with Web-based UI |
| USB | 2 × USB 3.0 | 2 × USB 3.0 |

MECHANICAL

| | |
|--------------------|--|
| Form Factor | 1U |
| Dimensions (LxWxH) | 654.8 mm × 438.4 mm × 44 mm; 17.25" × 25.78" × 1.73" |
| Weight | 10 kg; 22 lb |

ELECTRICAL

| | |
|-------------------|--------------------------|
| Power Input | 100 to 240 VAC, 50/60 Hz |
| Power Supply | Single non-redundant |
| Power Consumption | 200 W min.; 420 W max. |

ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -40°C to 65°C (-40°F to 149°F) |
| Humidity | 10 - 90% Relative humidity (non-condensing) |

CERTIFICATIONS

| Certifications/Directives | UL | cUL | CE | RoHS | WEEE | RCM | |
|---------------------------|---------------------------------|--------------|----------------|----------|--------------|--------------|--------------|
| Safety | UL 62368-1 | CSA 62368-1 | IEC/EN 62368-1 | | | | |
| Electromagnetic Emissions | (Class A) FCC Part 15 Subpart B | | IC ICES-003 | EN 55032 | EN 61000-6-4 | EN 61000-3-2 | EN 61000-3-3 |
| Electromagnetic Immunity | EN 55024 | EN 61000-6-2 | | | | | |

ORDERING INFORMATION

| PRODUCT | |
|--------------------|--|
| VMA-AS3-16P06 | HD Video Appliance Pro 16 Port 6TB |
| VMA-AS3-16P09 | HD Video Appliance Pro 16 Port 9TB |
| VMA-AS3-16P12 | HD Video Appliance Pro 16 Port 12TB |
| VMA-AS3-24P18 | HD Video Appliance Pro 24 Port 18TB |
| VMA-AS3-24P24 | HD Video Appliance Pro 24 Port 24TB |
| ACCESSORIES | |
| ENC-4P-H264 | 4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs |
| ENC-BRK1U | 1U EIA (19") Rack Mountable Bracket for 3 ENC-4P-H264 |
| VMA-AS3-HDD02 | HDVA3, 2TB Hard Drive Compatible with 8-Port, 16-Port |
| VMA-AS3-HDD03 | HDVA3, 3TB Hard Drive Compatible with 16-Port |
| VMA-AS3-HDD04 | HDVA3, 4TB Hard Drive Compatible with 8-Port, 16-Port, 24-Port |
| VMA-AS3-HDD06 | HDVA3, 6TB Hard Drive Compatible with 24-Port |
| VMA-AS3-HDD08 | HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port |
| PS-920W-AS3-16/24P | HDVA3, 16/24-Port Power Supply - no power cord |
| RAILS-B-AS3-16/24P | 1U Rack mount rails for HDVA3, 16/24-port |

