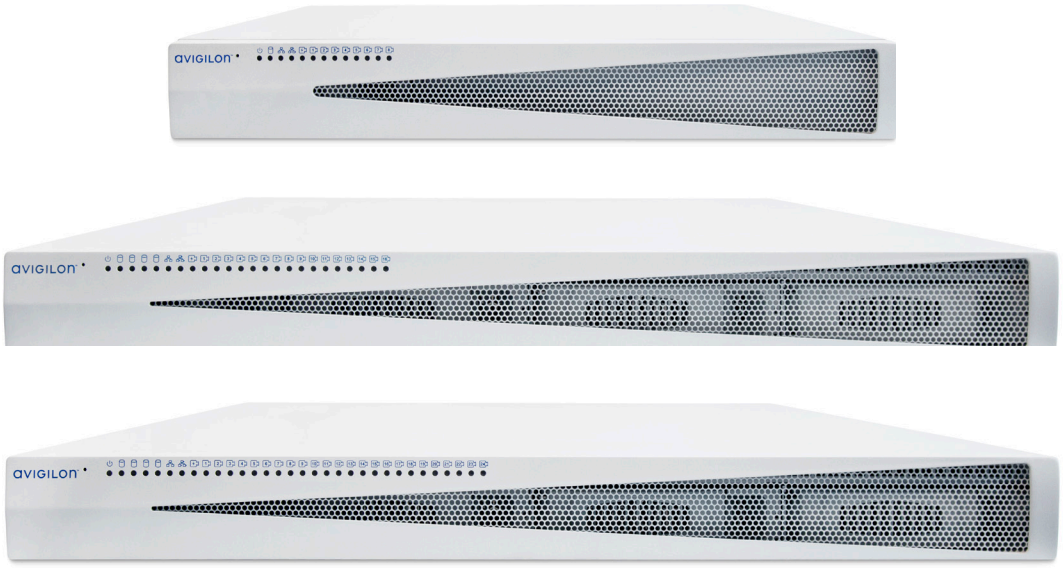
Video Appliance

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

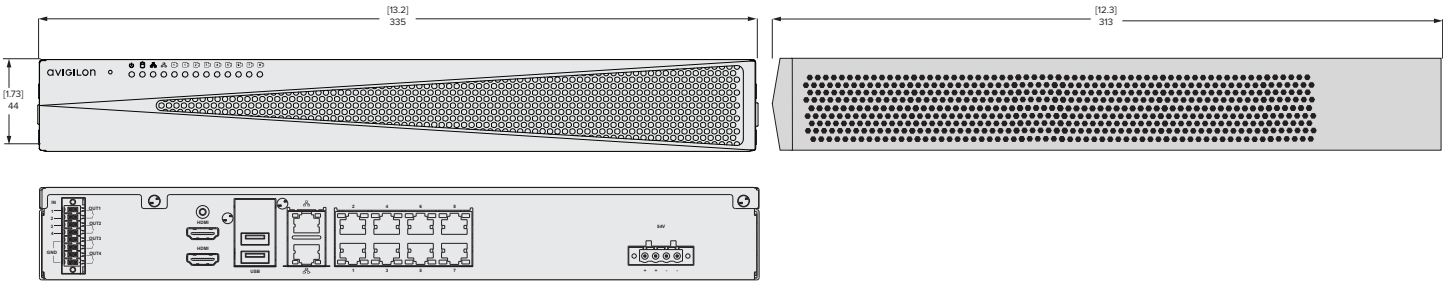
*On Pro models only

Outline Dimensions

Video Appliance — 8 Port

(VMA-AS3-8P)

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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 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	NOM	NRCS
	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 61000-6-1						

ORDERING INFORMATION		
	PRODUCTS	
	VMA-AS3-8P2	HD Video Appliance 8 Port 2 TB. Adjustable to fit 641mm to 910mm rack depth.
	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
	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
	LICENSES	
	Avigilon Control Center licenses must be purchased separately. Avigilon Appearance Search requires ACC Enterprise Edition.	
	ACC7-COR	ACC 7 Core Edition camera license
	ACC7-STD	ACC 7 Standard Edition camera license
	ACC7-ENT	ACC 7 Enterprise Edition camera license

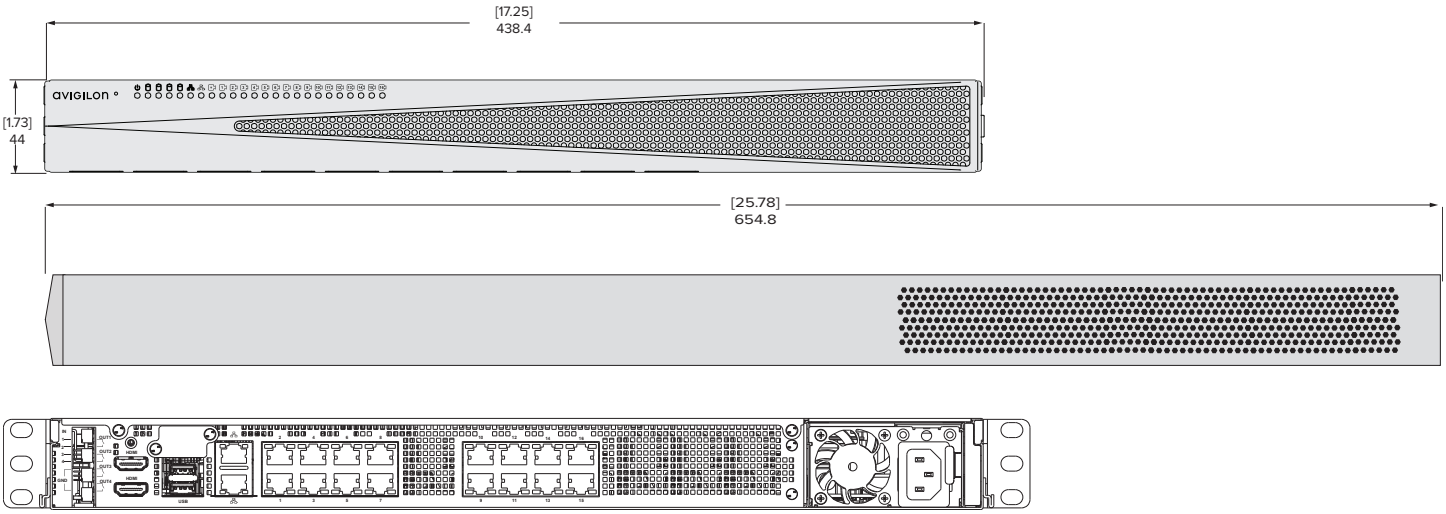
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Outline Dimensions

Video Appliance Pro — 16 Port

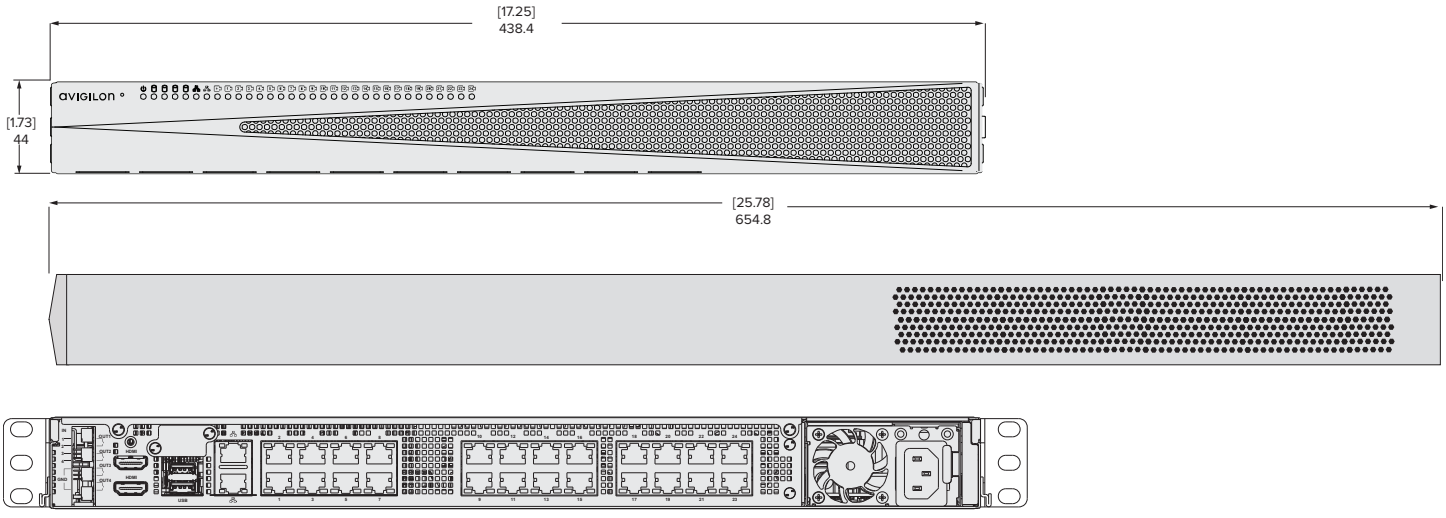
(VMA-AS3-16P)

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Video Appliance Pro — 24 Port

(VMA-AS3-24P)



Specifications

SYSTEM	VIDEO APPLIANCE PRO 16-PORT	VIDEO APPLIANCE PRO 24-PORT
Control Center Edition	Core, Standard and Enterprise compatible	Core, Standard and 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 Mbps (IEEE 802.3at)	24 × 10/100 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	NOM	NRCS
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-AS3-24P12	HD Video Appliance Pro 24 Port 12TB.
VMA-AS3-24P18	HD Video Appliance Pro 24 Port 18TB.
VMA-AS3-24P24	HD Video Appliance Pro 24 Port 24TB.
ACCESSORIES	
VMA-AS3-ANK	Analytics Kit for Appearance Search and Face Recognition, 16/24-port
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
LICENSES	
Avigilon Control Center licenses must be purchased separately. Avigilon Appearance Search requires ACC Enterprise Edition.	
ACC7-COR	ACC 7 Core Edition camera license
ACC7-STD	ACC 7 Standard Edition camera license
ACC7-ENT	ACC 7 Enterprise Edition camera license

VMA-AS3-xxPxx-NA = 

VMA-AS3-xxPxx-**UK** = 

VMA-AS3-xxPxx-**EU** = 

VMA-AS3-xxPxx-**AU** = 

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