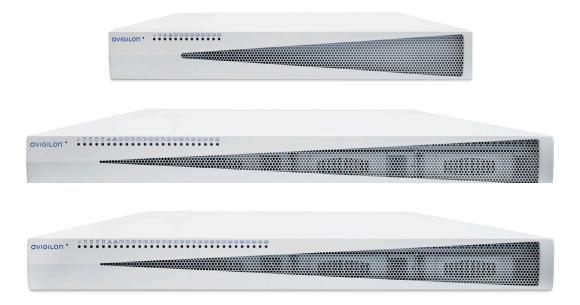


Video Appliance

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

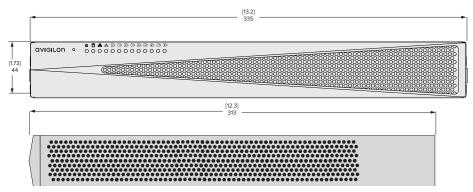
^{*}On Pro models only

Outline Dimensions

Video Appliance — 8 Port

(VMA-AS3-8P)

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X MM



Specifications

Control Center Edition												
Pipipack Rate Up to 00 Mbps Recording Image Rate Up to 30 images per second per chame! Up to 30 images per second per chame! Up to 10 miles Up to 30 images per second per chame! Up to 10 miles	SYSTEM	Control Center Edition	Core; Standard and Enterprise compatible									
Recording image Rate		Recording Rate	Up to 100 Mbps									
Local Viewing Yes		Playback Rate	Up to 100 Mbps									
Operating System		Recording Image Rate	Up to 30 images per second per channel									
Hard Disk Dinke Configuration 1 - 3.7 SATA		Local Viewing										
Recording Storage Capacity		Operating System										
Memory		Hard Disk Drive Configuration	1 × 3.5" SATA									
Video Outputs		Recording Storage Capacity	Up to 8 TB									
PoEF Ports 8 x \n01001/1000 Mips EEF 802.3 al)		Memory	8 GB DDR4									
PoE Output		Video Outputs	2 × HDMI ports									
Camera Network Uplink		PoE+ Ports										
Corporate Network Uplink		PoE Output										
External I/O Terminals		Camera Network Uplink	10/100/1000 Mbps	5								
Switch Control Managed Switch with Web-based UI USB 2 × USB 3.0 2 × USB 3.0 3 × 13.2" × 17.3" 3 × 17		Corporate Network Uplink	ink 10/100/1000 Mbps									
MECHANICAL Form Factor Small form factor		External I/O Terminals 4 × Digital Inputs (25Vdc max.) and 4 × Relay Outputs (24Vdc/1A max.)										
MECHANICAL Form Factor Small form factor Dimensions (LxWxH) 313 mm × 335 mm × 44 mm; 12.30" × 13.2" × 1.73"		Switch Control	Managed Switch	with Web-based UI								
Dimensions (LxWxH) 31 gm x 335 mm x 44 mm; 12.30" x 13.2" x 1.73"		USB	2 × USB 3.0									
Belectrical Power Input 100 to 240 VAC, 50/60 Hz Power Supply Single non-redundant Power Consumption 80 W min; 200 W max. Power Consumption Power Consump	MECHANICAL	Form Factor	Small form factor									
Power Input		Dimensions (LxWxH)	313 mm × 335 mm × 44 mm; 12.30" × 13.2" × 1.73"									
Power Supply Single non-redundant		Weight	3 kg; 6.4 lb									
Power Supply Single non-redundant	ELECTRICAL	Power Input	100 to 240 VAC 50/60 Hz									
Power Consumption 80 W min.; 200 W max.	LLLCTRICAL	·										
Certifications Operating Temperature O"C to 40"C (32"F to 149"F)			·									
Storage Temperature												
Humidity	ENVIRONMENTAL											
Certifications/Directives UL CUL CE RoHS WEEE RCM Safety UL 62368-1 Electromagnetic Emissions (Class B) FCC Part 15 Subpart B Electromagnetic Immunity EN 55024 EN 61000-6-2 EN 61000-6-3 EN 61000-3-2 EN 61000-3-3 EN 61000-3 EN 61000-3-3 EN 61000-3 EN 61000-3-3 EN 61000-3 EN 61000-3 EN 61			-40°C to 65°C (-40°F to 149°F)									
Safety		Humidity	10 - 90% Relative humidity (non-condensing)									
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. ACC licenses sold separately. VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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	CERTIFICATIONS	Certifications/Directives	UL	cUL	CE	RoHS	WEEE	RCM				
Electromagnetic Immunity EN 55024 EN 61000-6-2 ORDERING INFORMATION PRODUCTS VMA-AS3-8P2 HD Video Appliance 8 Port 2 TB. ACC licenses sold separately. VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port		Safety	UL 62368-1	CSA 62368-1	IEC/EN 62368-1							
ORDERING INFORMATION PRODUCTS VMA-AS3-8P2 HD Video Appliance 8 Port 2 TB. ACC licenses sold separately. VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. ACCESSORIES RMS1U-B-AS3-8P IU 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 IU 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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port		Electromagnetic Emissions	(Class B) FCC Par	rt 15 Subpart B	IC ICES-003	EN 55032	EN 61000-6-3	EN 61000-3-2	EN 61000-3-3			
VMA-AS3-8P2 HD Video Appliance 8 Port 2 TB. ACC licenses sold separately. VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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, 8TB Hard Drive Compatible with 8-Port, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port		Electromagnetic Immunity	EN 55024	EN 61000-6-2								
VMA-AS3-8P2 HD Video Appliance 8 Port 2 TB. ACC licenses sold separately. VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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, 8TB Hard Drive Compatible with 8-Port, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port	ORDERING	PRODUCTS										
VMA-AS3-8P4 HD Video Appliance 8 Port 4 TB . ACC licenses sold separately. VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port			HD Video Appliance 8 Port 2 TB ACC licenses sold separately									
VMA-AS3-8P8 HD Video Appliance 8 Port 8 TB. ACC licenses sold separately. 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, 8TB Hard Drive Compatible with 8-Port, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port												
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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port		RMS1U-B-AS3-8P	1U Rack Mountable Shelf for HDVA3 8-port									
ENC-BRKIU 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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-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, 24-Port VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-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												
VMA-AS3-HDD08 HDVA3, 8TB Hard Drive Compatible with 8-Port, 24-Port												
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VMA-AS3-xxPxx-EU =

VMA-AS3-xxPxx-AU =

VMA-AS3-xxPxx-NA =

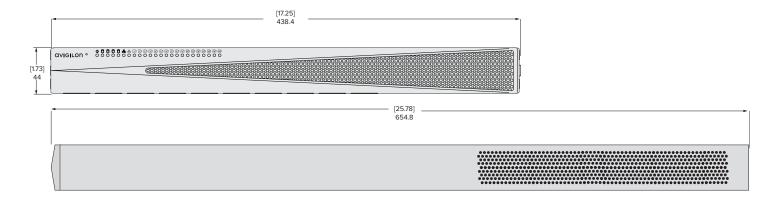
VMA-AS3-xxPxx-**UK** =

Outline Dimensions

Video Appliance Pro — 16 Port

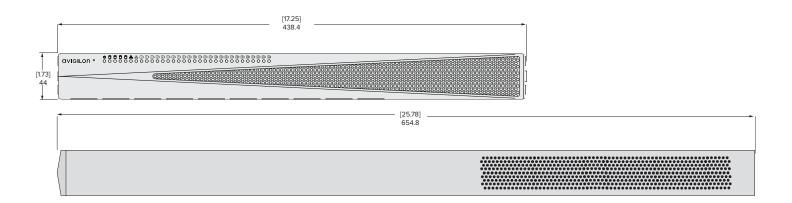
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(VMA-AS3-16P)



${\it Video\ Appliance\ Pro-24\ Port}$

(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 30	0 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 seco	nd 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" S	ATA			
	Recording Storage Capacity	Up to 12 TB				Up to 24	ТВ				
	Memory	8 GB DDR4				8 GB DD	R4				
	Video Outputs	2 × HDMI ports				2 × HDM	l ports				
	PoE+ Ports	16 × 10/100/1000	Mbps (IEEE 802.3at	t)		24 × 10/1	00/1000 Mbps (IE	EEE 802.3at)			
	PoE Output	Up to 30W/Port (2	240W Total)			Up to 30	W/Port (360W To	tal)			
	Camera Network Uplink	10/100/1000 Mbp	Mbps			10/100/1000 Mbps					
	Corporate Network Uplink	10/100/1000 Mbps				10/100/10	000 Mbps				
	External I/O Terminals	4 × Digital Inputs (2	4 × Digital Inputs (25Vdc max.) and 4 × Relay Outputs (24Vdc/1A max.)				al Inputs (25Vdc ma	ax.) and 4 × Relay Ou	tputs (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					
		2 333									
MECHANICAL	Form Factor	m 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, !									
	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 Pa	rt 15 Subpart B	IC ICES-003	EN 5503	32	EN 61000-6-4	EN 61000-3-2	EN 61000-3-3		
	Electromagnetic Immunity	EN 55024	EN 61000-6-2								
ORDERING	PRODUCT										
INFORMATION	VMA-AS3-16P06										
	VMA-AS3-16P09	HD Video Appliance Pro 16 Port 6TB. ACC licenses sold separately.									
	VMA-AS3-16P12	HD Video Appliance Pro 16 Port 9TB. ACC licenses sold separately.									
	VMA-AS3-101 12	HD Video Appliance Pro 16 Port 12TB. ACC licenses sold separately.									
		HD Video Appliance Pro 24 Port 18TB. ACC licenses sold separately.									
	VMA-AS3-24P24 HD Video Appliance Pro 24 Port 24TB. ACC licenses sold separately. ACCESSORIES										
	ENC-4P-H264	4 Port H 264 Vide	oo Encodor with 4 A	Audio Inputs and 4 A	udio Outou	ıte					
	ENC-BRK1U	4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs									
	VMA-AS3-HDD02	1U EIA (19") Rack Mountable Bracket for 3 ENC-4P-H264									
		HDVA3, 2TB Hard Drive Compatible with 8-Port, 16-Port									
	VMA-AS3-HDD04	HDVA3, 3TB Hard Drive Compatible with 16-Port									
	VMA-AS3-HDD06	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 1U Rack mount rails for HDVA3, 16/24-port									
	RAILS-B-AS3-16/24P	10 Rack mount ra	ils for HDVA3, 16/24	4-port							





VMA-AS3-xxPxx-UK =



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



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

