

HD Video Appliance Line

The new generation of Avigilon High Definition 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 HD Video Appliance line integrates ACC server 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.



HD video appliances can be easily added to an existing ACC 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, while 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

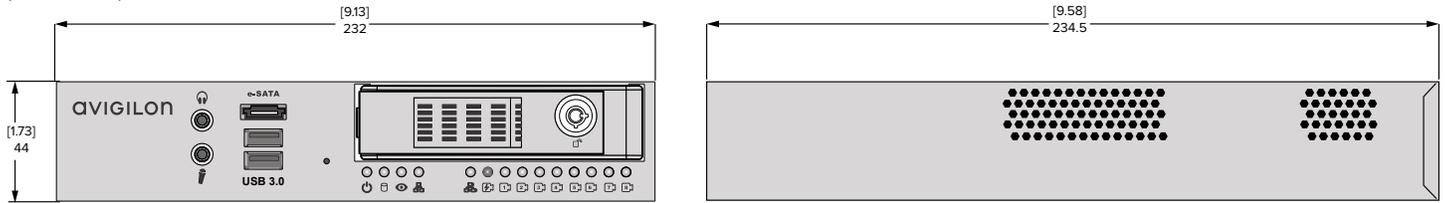
- Preloaded and configured with ACC[™] Video Management Software
- High performance of up to 400 Mbps of total throughput – simultaneous recording, playback, and live streaming
- Up to 24TB of effective recording capacity in a 1U rack mount chassis
- Front-accessible video storage hard drives streamline maintenance
- Digital alarm inputs and outputs for integration with external systems
- Solid State Drive OS volume ensures high speed operation and extended life
- Embedded managed switch with high powered PoE+ outputs provide up to 15 Watts per port on all ports
- Includes high-performance RAID 5 technology that protects and enables access to the failed drives data, even while the drive is being replaced and rebuilt*
- Protected by a three-year warranty from Avigilon

*On Pro models only

Outline Dimensions

HD Video Appliance — 8 Port

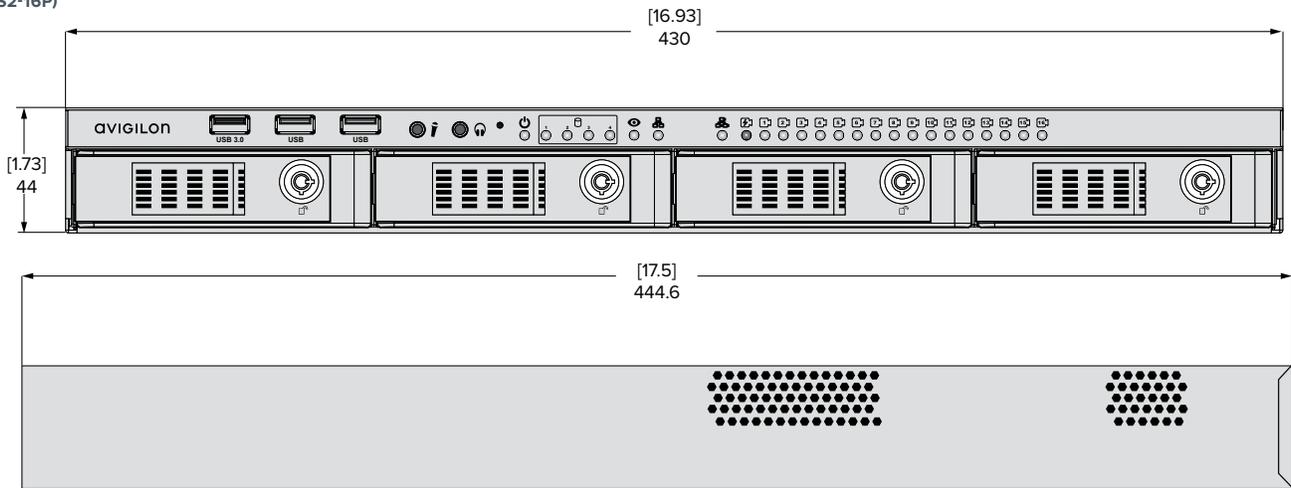
(VMA-AS2-8P)



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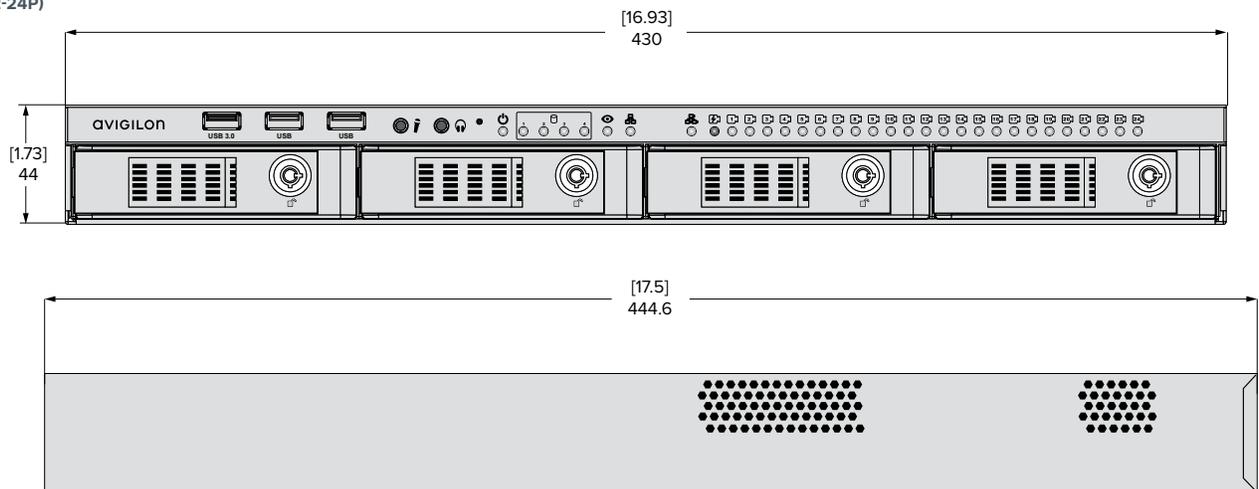
HD Video Appliance Pro — 16 Port

(VMA-AS2-16P)



HD Video Appliance Pro — 24 Port

(VMA-AS2-24P)



Specifications

	HD VIDEO APPLIANCE 8-PORT	HD VIDEO APPLIANCE PRO 16-PORT	HD VIDEO APPLIANCE PRO 24-PORT				
SYSTEM	Control Center Edition	Core; Standard and Enterprise compatible	Standard; Enterprise compatible				
	Recording Rate	Up to 100 Mbps	Up to 200 Mbps				
	Playback Rate	Up to 100 Mbps	Up to 100 Mbps				
	Camera Channels	8	16				
	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	1 x 3.5" SATA	RAID 5 — Up to 4 x 3.5" SATA				
	Recording Storage Capacity	Up to 4 TB	Up to 12 TB				
	Processor	Intel Core i3 - 6100	Intel Core i5 - 6500				
	Memory	4 GB DDR4	8 GB DDR4				
	Video Outputs	1 Display Port up to two 1920 x 1080 displays	1 Display Port up to two 1920 x 1080 displays				
	PoE Ports	8 x 10/100 (802.3at) PoE+	16 x 10/100 (802.3at) PoE+				
	Total PoE Output	120W	240W				
	Uplink	(2) 10/100/1000 Mbps	(2) 10/100/1000 Mbps				
	Network Interface Controller	(2) 10/100/1000 Mbps	(2) 10/100/1000 Mbps				
	Switch Control	Managed Switch with Web-based UI	Managed Switch with Web-based UI				
	Port Mirroring	Many-to-one (Tx/Rx)	Many-to-one (Tx/Rx)				
	USB	2 x USB 3.0	2 x USB 2.0; 3 x USB 3.0				
	MECHANICAL	Form Factor	Small form factor	1U			
Dimensions (LxWxH)		234.5 mm x 232 mm x 44 mm; 9.58" x 9.13" x 1.73"	430 mm x 444.6 mm x 44 mm 16.93" x 17.5" x 1.73"				
Weight		3 kg; 6.4 lb	10 kg; 22 lb				
ELECTRICAL	Power Input	100 to 240 VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz				
	Power Supply	Single non-redundant	Single non-redundant				
	Power Consumption	80 W min.; 200 W max.	200 W min.; 420 W max.				
ENVIRONMENTAL	Operating Temperature	0°C to 40°C (32°F to 104°F) - (VMA-AS2-24P18/24: 0°C to 35°C)					
	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 60950-1	CSA 60950-1	IEC/EN 60950-1	UL 62368-1	CSA 62368-1	IEC/EN 62368-1
	Electromagnetic Emissions	FCC Part 15 Subpart B Class A		IC ICES-003	EN 55032	EN 61000-3-2	EN 61000-3-3
	Electromagnetic Immunity	EN 50130-4	EN 55024	EN 61000-4-2	EN 61000-4-3	EN 61000-4-4	EN 61000-4-5
		EN 61000-4-6	EN 61000-4-8	EN 61000-4-11			
ORDERING INFORMATION	VMA-AS2-8P2	2.0 TB storage, 8 Port HD Video Appliance					
	VMA-AS2-8P4	4.0 TB storage, 8 Port HD Video Appliance					
	8C-ACC6-COR-STD-UPG	ACC 6 upgrade license from Core to Standard edition for 8 camera channels					
	8C-ACC6-COR-ENT-UPG	ACC 6 upgrade license from Standard to Enterprise edition for 8 camera channels					
	8C-ACC5-COR-STD-UPG	ACC 5 upgrade license from Core to Standard edition for 8 camera channels					
	8C-ACC5-STD-ENT-UPG	ACC 5 upgrade license from Standard to Enterprise edition for 8 camera channels					
	VMA-AS2-16P06	6.0 TB storage, 16 Port HD Video Appliance Pro					
	VMA-AS2-16P09	9.0 TB storage, 16 Port HD Video Appliance Pro					
	VMA-AS2-16P12	12 TB storage, 16 Port HD Video Appliance Pro					
	16C-ACC6-STD-ENT-UPG	ACC 6 upgrade license from Standard to Enterprise edition for 16 camera channels					
	16C-ACC5-STD-ENT-UPG	ACC 5 upgrade license from Standard to Enterprise edition for 16 camera channels					
	VMA-AS2-24P12	12 TB storage, 24 Port HD Video Appliance Pro					
	VMA-AS2-24P18	18 TB storage, 24 Port HD Video Appliance Pro					
	VMA-AS2-24P24	24 TB storage, 24 Port HD Video Appliance Pro					
	24C-ACC6-STD-ENT-UPG	ACC 6 upgrade license from Standard to Enterprise edition for 24 camera channels					
	24C-ACC5-STD-ENT-UPG	ACC 5 upgrade license from Standard to Enterprise edition for 24 camera channels					
	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-AS2-xxPxx =  VMA-AS2-xxPxx-UK =  VMA-AS2-xxPxx-EU =  VMA-AS2-xxPxx-AU = 