avigilon™
a Motorola Solutions Company

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 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.

HD 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, 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

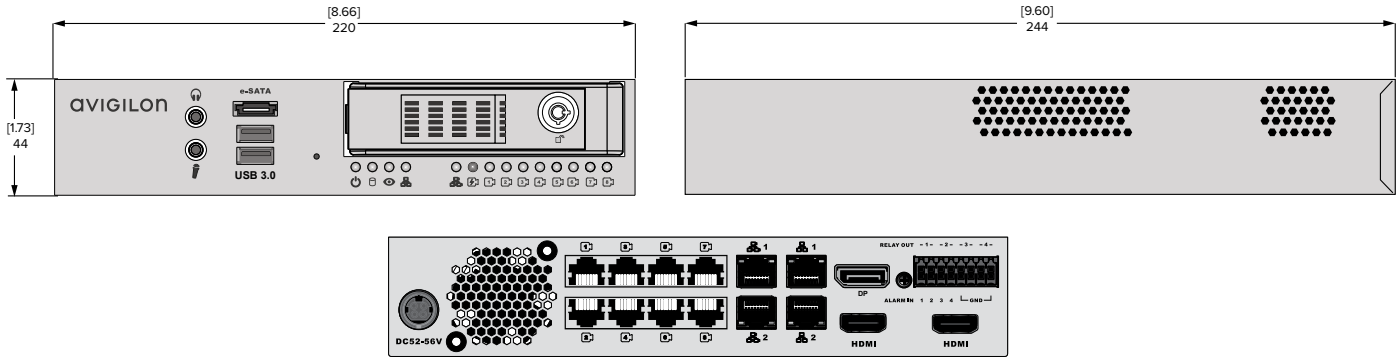
- Preloaded and configured with ACC Video Management Software
- High performance of up to 400 Mbps of total throughput – simultaneous recording, playback, and live streaming
- Up to 24TB of effective recording capacity in a 1U rack mount chassis
- Front-accessible video storage hard drives streamline 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

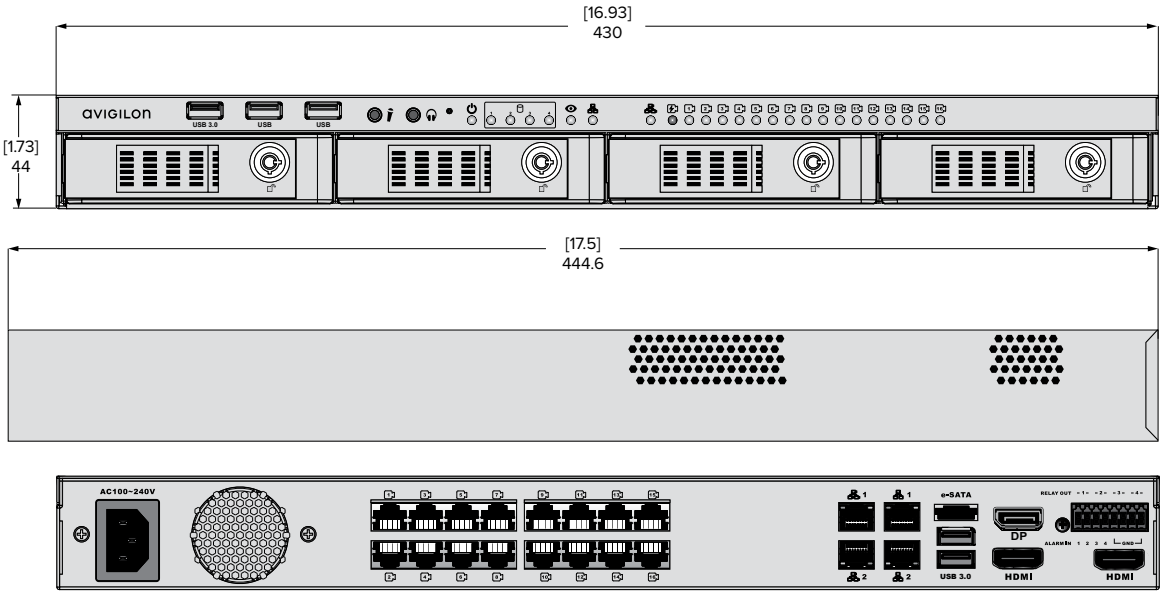
Outline Dimensions

[X.X]	INCHES
X	MM

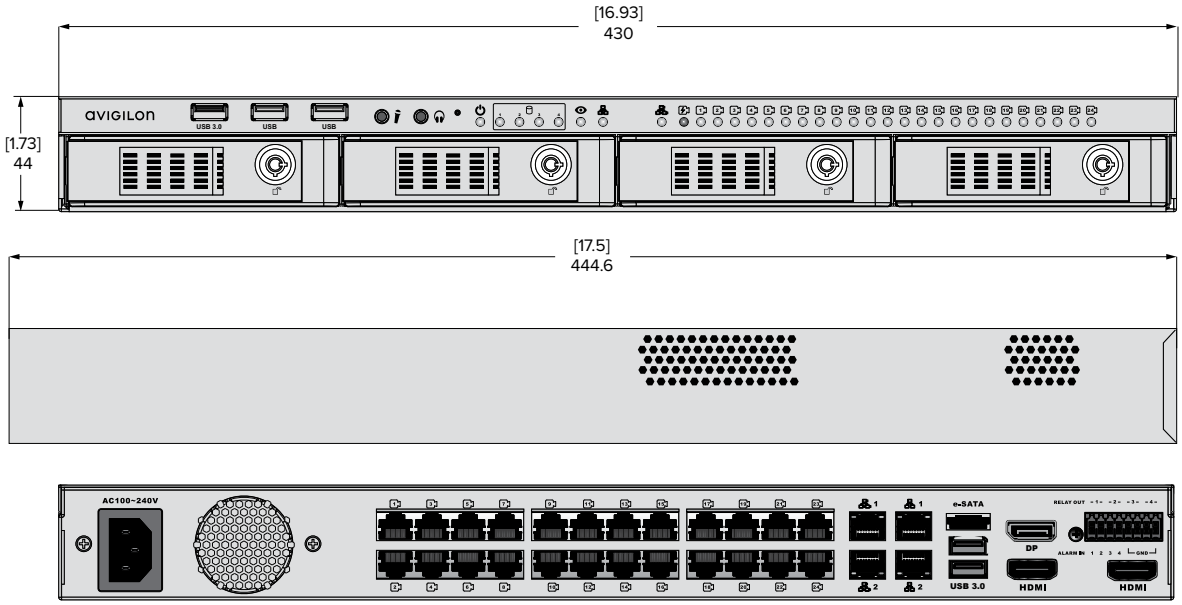
HD Video Appliance — 8 Port (VMA-AS2-8P)



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	Standard; Enterprise compatible
	Recording Rate	Up to 100 Mbps	Up to 256 Mbps	Up to 300 Mbps
	Playback Rate	Up to 100 Mbps	Up to 100 Mbps	Up to 100 Mbps
	Camera Channels	8	16	24
	Recording Image Rate	Up to 30 images per second per channel	Up to 30 images per second per channel	Up to 30 images per second per channel
	Local Viewing	Yes	Yes	Yes
	Operating System	Microsoft® Windows 10 IoT Enterprise	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	RAID 5 — Up to 4 x 3.5” SATA
	Recording Storage Capacity	Up to 4 TB	Up to 12 TB	Up to 24 TB
	Processor	Intel® Core™ i3 - 6100	Intel® Core™ i5 - 6500	Intel® Core™ i5 - 6500
	Memory	8 GB DDR4	8 GB DDR4	8 GB DDR4
	Video Outputs	1 Display Port v1.2 + 2 HDMI v1.4 (up to two 1080p displays)	1 Display Port v1.2 + 2 HDMI v1.4 (up to two 1080p displays)	1 Display Port v1.2 + 2 HDMI v1.4 (up to two 1080p displays)
	PoE Ports	8 x 10/100 (802.3at) PoE+	16 x 10/100 (802.3at) PoE+	24 x 10/100 (802.3at) PoE+
	Total PoE Output	120W	240W	360W
	Uplink	(2) 10/100/1000 Mbps	(2) 10/100/1000 Mbps	(2) 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.)	4 Digital Inputs (25Vdc max.) and 4 Relay Outputs (24Vdc/1A max.)
	Network Interface Controller	(2) 10/100/1000 Mbps	(2) 10/100/1000 Mbps	(2) 10/100/1000 Mbps
	Switch Control	Managed Switch with Web-based UI	Managed Switch with Web-based UI	Managed Switch with Web-based UI
	Port Mirroring	Many-to-one (Tx/Rx)	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	2 x USB 2.0; 3 x USB 3.0
MECHANICAL	Form Factor	Small form factor	1U	
	Dimensions (LxWxH)	244 mm x 220 mm x 44 mm; 9.60” x 8.66” 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
	VMA-AS2-8PPS	HDVA 2 8-port - Power Supply - 200W External, power cord not included
	VMA- AS2-8PRMS1U	1U Rack mount shelf for HDVA 2 8-port
	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 Core 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
	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
	VMA-AS2-HDD02	2TB HARD DRIVE, HDVA2 8 port and Pro
	VMA-AS2-HDD03	3TB HARD DRIVE, HDVA2 Pro
	VMA-AS2-HDD04	4TB HARD DRIVE, HDVA2 8 port and Pro
	VMA-AS2-HDD06	6TB HARD DRIVE, HDVA2 Pro
	VMA-AS2-HDD08	8TB HARD DRIVE, HDVA2 Pro
	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** =

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