## **HD Video Appliance Series**



Avigilon offers a broad range of high definition cameras – from 1-5 MP and 4-7K (based on horizontal resolution) – and are available in a variety of formats, including dome, panoramic and fixed. Whether it's a small storefront that requires a few cameras or a large complex system requiring complete coverage of numerous areas, you can trust that you're getting an exceptional solution for your security needs.

The innovative HD video appliance is just one way Avigilon can help provide the very best monitoring and protection.



Our all-in-one appliances combine the functions of a network video recorder, high-powered Ethernet switch and the power of Avigilon™ Control Center (ACC) software into a single appliance. The appliance can be easily added to an existing ACC system, or as a standalone system for small to midsized applications.

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 perfect for advanced installations requiring increased camera support, larger storage and superior overall performance.

#### **KEY FEATURES**

Preloaded and configured with Avigilon™ Control Center High Definition
Network Video Management Software

Uses Avigilon's industry leading High Definition Stream Management
(HDSM)™ technology

Includes a Core or Standard license with camera channel licenses for each port.

Embedded managed switch with high powered PoE output

Records up to 32 MB/s of image data

Up to 30 images per second per camera channel

\*Supports up to 30MP camera resolution

HDMI® video out for HD video monitoring

Up to 12 TB effective recording capacity

<sup>\*</sup>Requires Enterprise license upgrade

#### **Outline Dimensions**

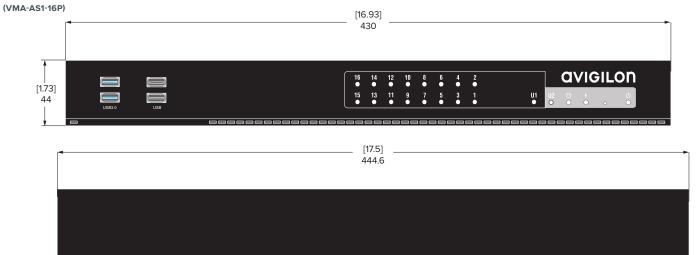
## HD Video Appliance — 8 Port



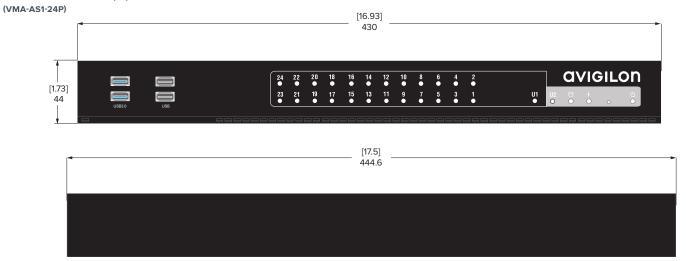


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#### HD Video Appliance Pro — 16 Port



# HD Video Appliance Pro — 24 Port



# Specifications

		HD VIDEO APPLIA	NCE 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 10 MB/s		Up to 32 MB/s	Up to 32 MB/s			
	Playback Rate	Up to 10 MB/s		Up to 10 MB/s		Up to 10 MB/s		
	Camera Channels	8 Up to 30 images per second per channel Yes Microsoft® Windows Embedded Standard 7 (64 bit) n 1 x 3.5" SATA (AV Rated)		16		24		
	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 Embedded Standard 7 (64 bit)		Microsoft® Windows Embedded Standard 7 (64 bit)		
	Hard Disk Drive Configuration			RAID 5 — Up to 4 x 3.5" SATA (AV rated)		RAID 5 — Up to 4 $\times$ 3.5" SATA (AV rated)		
	Recording Storage Capacity	Up to 4 TB		Up to 12 TB		Up to 12 TB		
	Processor	Core i3-3220		Intel Core i7-3770		Intel Core i7-3770		
	Memory	4 GB DDR3  1 VGA + 1 HDMI; up to 1920 x 1080  8 x 10/100 (802.3at)  120W  (1) 10/100/1000 Mbps Combo SFP  (1) 10/100/1000 Mbps RJ-45  Managed Switch with Web-based UI		8 GB DDR3		8 GB DDR3		
	Video Outputs			1 VGA + 1 HDMI; up to 1920 x 1080		1 VGA + 1 HDMI; up to 1920 x 1080		
	PoE Ports			16 x 10/100 (802.3at)		24 x 10/100 (802.3at)		
	Total PoE Output			270W		270W		
	Uplink			(1) 10/100/1000 Mbps Combo SFP		(1) 10/100/1000 Mbps Combo SFP		
	Network Interface Controller			(1) 10/100/1000 Mbps RJ-45		(1) 10/100/1000 Mbps RJ-45		
	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)		Many-to-one (Tx/Rx)		
	USB	3 x USB 2.0; 2 x USB 3.0		4 x USB 2.0; 2 x USB 3.0		4 x USB 2.0; 2 x USB 3.0		
MECHANICAL	Form Factor	Small form factor		10				
	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.; 120 W max.		100 W min.; 420 W max.				
	OtiTti	000 +- 4000 (2205 +	- 40 495\					
ENVIRONMENTAL	Operating Temperature	0°C to 40°C (32°F to						
	Storage Temperature	-40° C to 65° C (-40	•	-1				
	Humidity	10 - 90% Relative humidity (non-condensing)						
CERTIFICATIONS	Certifications/Directives	UL	cUL	CE	RoHS	WEEE	RCM	
		EAC	PSB (16/24 port)	NOM	VCCI	Anatel	KC	
	Safety	UL 60950-1		CSA 60950-1		IEC/EN 60950-1		
	Electromagnetic Emissions	FCC Part 15 Subpar	t B Class A	IC ICES-003	EN 55022	EN 61000-3-2	EN 61000-3-3	
	Electromagnetic Immunity	EN 50130-4	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	VMA-AS1-8P2	2.0 TB storage, 8 Port HD Video Appliance						
INFORMATION	VMA-AS1-8P4	4.0 TB storage, 8 Port HD Video Appliance						
	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-AS1-16P06	6.0 TB storage, 16 Port HD Video Appliance Pro						
	VMA-AS1-16P09	9.0 TB storage, 16 Port HD Video Appliance Pro						
	VMA-AS1-16P12	12 TB storage, 16 Port HD Video Appliance Pro						
	16C-ACC5-STD-ENT-UPG	ACC 5 upgrade license from Standard to Enterprise edition for 16 camera channels						
	VMA-AS1-24P09 9.0 TB storage, 24 Port HD Video Appliance Pro							
	VMA-AS1-24P12	12 TB storage, 24 Port HD Video Appliance Pro						
	24C-ACC5-STD-ENT-UPG							
		ACC 5 upgrade license from Standard to Enterprise edition for 24 camera channels  4 Part II 364 Video Encoder with 4 Audio Inputs and 4 Audio Outputs						
	ENC-4P-H264	4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs  1U EIA (19") Rack Mountable Bracket for 3 ENC-4P-H264  2.0 TB storage, HD Video Appliance Pro  3.0 TB storage, HD Video Appliance Pro						
	ENC-BRK1U							
	VMA-AS1-HDDP02							
	VMA-AS1-HDDP03							
	VMA-AS1-HDDP04	4.0 TB storage, HD Video Appliance Pro						
	VMA-AS1-8PRMS1U	1U Rack mount shelf for HD Video Appliance 8-port						
	VMA-AS1-xxPxx = VMA	A-AS1-xxPxx-UK =	VMA-AS1-xxl	Pxx-EU =	VMA-AS1-xxPxx- <b>AU</b> =	<b>(</b>		

**HD VIDEO APPLIANCE**