![Avigilon - a Motorola Solutions Company]

HD NVR Value

Avigilon HD Network Video Recorders (NVRs) provide secure, reliable and scalable platforms for high performance end-to-end security solutions. Our network security recorders have Avigilon Control Center (ACC) software preloaded and configured for plug-and-play network video recording and management of multi-megapixel IP cameras, up to our industry-leading 7K (30 megapixel) HD Pro.

The Avigilon HD NVR Value is a 1U rack mountable recorder specifically manufactured for the Avigilon ecosystem. It leverages the full power of Avigilon Control Center (ACC) software to deliver high performance and retention at a lower cost of ownership. The NVR Value meets the requirements of IP video and video analytics metadata storage. It's backed by the Avigilon three-year warranty, which provides businesses with support and onsite parts delivery for continuous recording and retention of video while minimizing disruptions to security operations.

The HD NVR Value is an out-of-the-box, ready-to-deploy video recording platform designed for single site surveillance or to be distributed across multiple remote sites.

KEY FEATURES

Preloaded and configured with ACC™ video management software

High performance of up to 384 Mbps of total throughput — simultaneous recording, playback, and live streaming

Highly scalable capacity options — up to 18TB of recording for long-term video retention

Hot-swappable components maintain video recording and playback operations even in the event of multiple component failures

An easy to access and maintain 1U rack mount chassis — includes a sliding rail kit and cable management system

Avigilon Appearance Search™ Technology Support with an additional kit

A three-year warranty with onsite parts delivery service

Specifications

SYSTEM			
	Video Management Software		Avigilon Control Center™ – compatible with Enterprise, Standard and Core editions
	Network Video Streaming Performance*	Network Connection	1 GbE - with multiple network connections
		Recording Data Rate	Up to 256 Mbps
		Playback and Live Streaming	Up to 128 Mbps (while simultaneously recording video)
		Number of Cameras	Up to 128
	Recording Storage Capacity		Up to 24 TB raw, 18 TB effective (RAID 5)
	Hard Disk Drive Configuration		Video data — up to 4 x large form factor near-line SAS hard disk drives, hot-swappable, RAID 5
	Network Interface		2 x 1 GbE RJ-45 ports (1000Base-T)
	Memory		8 GB DDR4
	Operating System		Microsoft Windows 10 Enterprise
	Processor		Intel® Xeon® E3-1220 V5 (8M cache, 3.00 GHz)
	Video Outputs		2 x VGA
	Local Viewing		No
	Remote Access		iDRAC8 Express

* These performance figures are based on validation testing by Avigilon, using Avigilon Control Center software. For more information, contact Avigilon Sales.

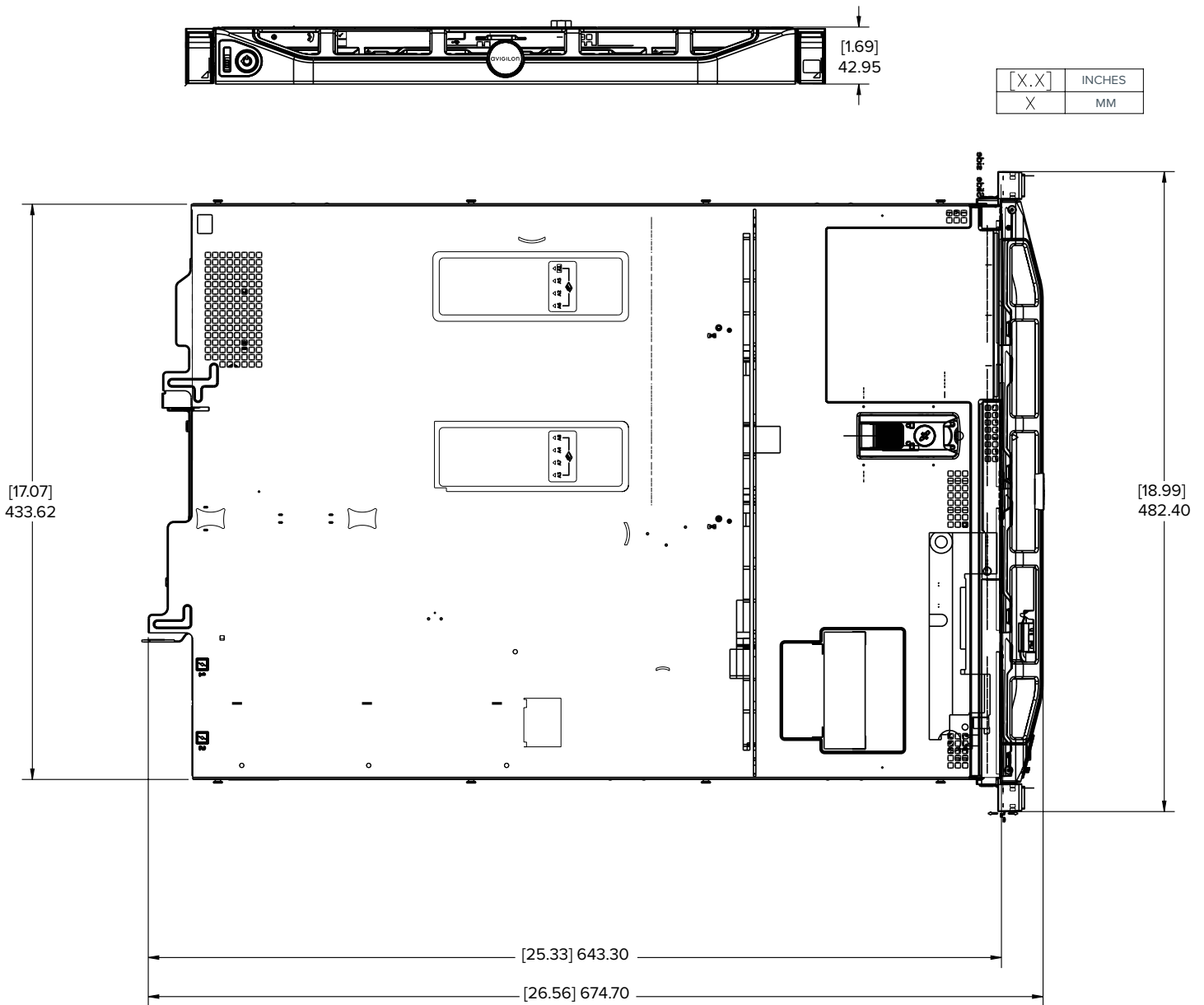| MECHANICAL		
	Form Factor	1U rack mount chassis
	Dimensions (LxWxH) with bezel	674.7 mm x 482.4 mm x 42.95 mm; 26.56" x 18.99" x 1.69"
	Weight	13.8 kg (30.42 lb)

ELECTRICAL		
	Power Input	100 to 240 V AC, 50/60 Hz, autoranging
	Power Supply	Single — optional secondary power supply available
	Power Consumption	350 W (1194.2 BTU/hr)

ENVIRONMENTAL		
	Operating Temperature	10°C to 35°C (50°F to 95°F) with no direct sunlight on the equipment
	Storage Temperature	-40° C to 65° C (-40° F to 149° F)
	Operating Humidity	10% to 80% Relative Humidity with 29°C (84.2°F) maximum dew point
	Storage Humidity	5% to 95% RH with 33°C (91°F) maximum dew point. Atmosphere must be non-condensing at all times
	Operating Vibration	0.26 Grms at 5 Hz to 350 Hz
	Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 min
	Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 40 G for up to 2.3 ms
	Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
	Operating Altitude	3,048 m (10,000 ft)
	Storage Altitude	12,000 m (39,370 ft)

SUPPLIED ACCESSORIES		
	Rack Rail System	Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19"-wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooled mounting in threaded hole 4-post racks
	Bezel	1, front
	Power Cords	1

CERTIFICATIONS			
	Safety	EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013 EN 62311:2008	UL/CSA/IEC 60950-1, 2 Ed + Am 1: 2009 + Am 2: 2013
	Power Efficiency	80 PLUS Platinum	ENERGY STAR 2.0
	Electromagnetic Emissions	US CFR Title 47, FCC Part 2, 15 Canadian ICES-003(A) Issue 5 EN 55022:2010/CISPR 22:2010	EN 61000-3-2:2006 +A1:2009 +A2:2009/IEC 61000-3-2:2005 +A1:2008 +A2:2009 (Class D) EN 61000-3-3:2008/ IEC 61000-3-3:2008
	Electromagnetic Immunity	EN 55024:2010/CISPR 24:2010	
	Directives	RoHS, Reach (SVHC), WEEE	

Outline Dimensions

[X.X]	INCHES
X	MM

Dimensions:
- [1.69] 42.95
- [17.07] 433.62
- [18.99] 482.40
- [25.33] 643.30
- [26.56] 674.70

Ordering Information

HD-NVR3-VAL-6TB	6 TB HD NVR Value with Microsoft Windows 10 Enterprise Embedded and Avigilon Control Center
HD-NVR3-VAL-12TB	12 TB HD NVR Value with Microsoft Windows 10 Enterprise Embedded and Avigilon Control Center
HD-NVR3-VAL-18TB	18 TB HD NVR Value with Microsoft Windows 10 Enterprise Embedded and Avigilon Control Center
Avigilon Control Center licenses must be purchased separately	

HD-NVR-ANK2-1	Analytics Kit for Avigilon Appearance Search software	HD-NVR3-IDRAC-ENT-UPG	iDrac Enterpise Upgrade
HD-NVR3-VAL-2NDPS-AU	Redundant, hot-swappable power supply, for AU	HD-NVR3-KYD-WARR	Keep Your Drive Warranty
HD-NVR3-VAL-2NDPS-EU	Redundant, hot-swappable power supply, for EU	HD-NVR3-VAL-LPR-KIT	LPR Performance Kit - NVR Value models
HD-NVR3-VAL-2NDPS-NA	Redundant, hot-swappable power supply, for NA	HD-NVR3-VAL-WARR-EXTEND-1YR	1 Year extended warranty - HD NVR3 VAL
HD-NVR3-VAL-2NDPS-UK	Redundant, hot-swappable power supply, for UK	HD-NVR3-VAL-WARR-EXTEND-2YR	2 Year extended warranty - HD NVR3 VAL
HD-NVR3-VAL-W10UPG	WES7 to Win10 Upgrade - NVR3 Value models		

HD-NVR3-VAL-xxTB-**NA** = ▨ HD-NVR3-VAL-xxTB-**UK** = ▨ HD-NVR3-VAL-xxTB-**EU** = ▨ HD-NVR3-VAL-xxTB-**AU** = ▨ HD-NVR3-VAL-xxTB-**DK** = ▨ HD-NVR3-VAL-xxTB-**CH** = ▨