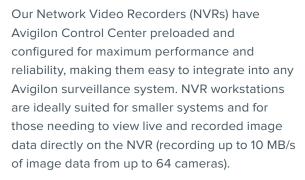# HD Network Video Recorder Workstation

Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

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

Our Network Video Recorders (NVRs) have Avigilon Control Center preloaded and configured for maximum performance and reliability, making them easy to integrate into any Avigilon surveillance system. NVR workstations are ideally suited for smaller systems and for those needing to view live and recorded image data directly on the NVR (recording up to 10 MB/s of image data from up to 64 cameras).

*Monitor sold separately

KEY FEATURES

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

Records up to 10 MB/s of image data

Supports up to 64 camera channels

Supports up to 30 images per second per camera channel

Up to 3 TB effective recording capacity

Supports up to two high resolution monitors

Desktop form factor

HD-NVRWS

Specifications

SYSTEM		
	Control Center Edition	Enterprise, Standard or Core compatible
	Recording Rate	Up to 10 MB/s
	Camera Channels	Up to 64
	Recording Image Rate	Up to 30 images per second per channel, total of 1920 for 64 channels
	Local Viewing	Yes
	Operating System	Microsoft® Windows® 7 Professional 64-bit
	Hard Disk Drive Configuration	1-2 SATA 7200RPM JBOD
	Recording Storage Capacity	Up to 3 TB
	Processor	Intel® Xeon® Processor E3-1220V2
	Memory	4 GB RAM
	Network Interface	1 Gigabit Ethernet RJ-45 port (1000Base-T)
	Video Outputs	2 active (1 DisplayPort and 1 DVI)
	Optical Drive	1 DVD-RW

MECHANICAL		
	Form Factor	Desktop
	Dimensions (LxWxH)	175 mm x 360 mm x 435 mm; 6.89" x 14.17" x 17.13"
	Weight	9.24 kg (20.35 lbs)

ELECTRICAL		
	Power Input	100 to 240 VAC, 50/60 Hz, auto-switching
	Power Supply	Single non-redundant
	Power Consumption	320 W

ENVIRONMENTAL		
	Operating Temperature	10° C to 35° C (50° F to 95° F)
	Storage Temperature	-40° C to 65° C (-40° F to 149° F)
	Humidity	20 - 80% Relative humidity (non-condensing)
	Operating Vibration	5 Hz to 350 Hz at 0.0002 G/Hz
	Storage Vibration	5 Hz to 500 Hz at 0.001 to 0.01 G/Hz
	Operating Shock	Shock pulse of 40G for up to 2 ms
	Storage Shock	Shock pulse of 105G for up to 2 ms
	Operating Altitude	-15.2 m to 3048 m (-50 ft to 10,000 ft)
	Storage Altitude	-15.2 m to 10,668 m (-50 ft to 35,000 ft)

REMOTE PC CLIENT REQUIREMENTS		
	Operating System	Microsoft® Windows® XP with Service Pack (SP) 2 or later, Windows® Vista, or Windows® 7
	Processor	Intel® Single Core 2.4 GHz (minimum); Intel® Dual Core 2.0 GHz (recommended)
	Memory	1 GB RAM (minimum); 2 GB RAM (recommended)
	Video Card	PCI Express, DirectX 9.0c compliant with 128 MB RAM (Intel® GMA 900 or better, NVIDIA® 6600 or better, ATI X1300 or better)
	Network Interface	100 Mbps (minimum); 1 Gbps (recommended)
	Hard Disk Space	500 MB

SUPPLIED ACCESSORIES		
		USB keyboard
		USB mouse
		Power cord
		1 DisplayPort to DVI adapter
		1 DVI to VGA adapter

CERTIFICATIONS				
	FCC, Class B	VCCI, Class B	SABS, Class B	NEMKO, Class B
	ICES, Class B	BSMI, Class B	CCC, Class B	GOST, Class B
	CE, Class B	C-Tick, Class B	BCC, Class B	BELLIS, Class B

ORDERING INFORMATION		
	1.0TB-HD-NVRWS	1.0 TB storage, Network Video Recorder Workstation
	2.0TB-HD-NVRWS	2.0 TB storage, Network Video Recorder Workstation
	3.0TB-HD-NVRWS	3.0 TB storage, Network Video Recorder Workstation
		* Control Center licenses must be purchased separately

HD-NVRWS