

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

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 Embedded Standard 7			
	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			



2 Monitor Professional High Performance Remote Monitoring Workstation



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The innovative remote monitoring workstation is just one way Avigilon can help provide the very best monitoring and protection.



The Avigilon Control Center professional high performance remote monitoring workstations are designed to achieve the highest performance for a client PC within an Avigilon HD Surveillance System. Pre-loaded with Avigilon Control Center, the remote monitoring workstation is easily installed to add an additional monitoring station to any existing system, with support for two high resolution monitors and up to a total of 144 channels of video.

KEY FEATURES

- Preloaded with Avigilon Control Center High Definition Network Video Management Client Software
- Supports up to two high resolution monitors
- Supports viewing up to 72 camera channels simultaneously
- Desktop form factor
- Keyboard and mouse included

*Monitors sold separately.

Specifications

SYSTEM	Control Center Edition	Enterprise, Standard or Core compatible
	Viewing Streams	Up to 72
	Viewing Rate	Up to 10 MB/s
	Operating System	Microsoft® Windows Embedded Standard 7
	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)

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	2MN-HD-RMWS	2 monitor professional high performance remote monitoring workstation
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4 Monitor Professional High Performance Remote Monitoring Workstation



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The Avigilon Control Center professional high performance remote monitoring workstations are designed to achieve the highest performance for a client PC within an Avigilon HD Surveillance System. Pre-loaded with Avigilon Control Center, the remote monitoring workstation is easily installed to add an additional monitoring station to any existing system, with support for four high resolution monitors and up to a total of 144 channels of video.

KEY FEATURES

- Preloaded with Avigilon Control Center High Definition Network Video Management Client Software
- Supports up to four high resolution monitors
- Supports viewing up to 144 camera channels simultaneously
- Desktop form factor
- Keyboard and mouse included

*Monitors sold separately.

Specifications

SYSTEM	Control Center Edition	Enterprise, Standard or Core compatible
	Viewing Streams	Up to 144
	Viewing Rate	Up to 10 MB/s
	Operating System	Microsoft® Windows Embedded Standard 7
	Processor	Dual Intel® Xeon® Processor E5-2609
	Memory	4 GB RAM
	Network Interface	1 Gigabit Ethernet RJ-45 port (1000Base-T)
	Video Outputs	4 active (2 DisplayPort and 2 DVI)
	Optical Drive	1 DVD-RW

MECHANICAL	Form Factor	Desktop
	Dimensions (LxWxH)	172.6 x 414 x 471; 6.79" x 16.3" x 18.54"
	Weight	14kg (30.86lb)

ELECTRICAL	Power Input	100 to 240 VAC, 50/60 Hz, auto-switching
	Power Supply	Single non-redundant
	Power Consumption	635 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)

SUPPLIED ACCESSORIES	USB keyboard
	USB mouse
	Power cord
	2 DisplayPort to DVI adapter
	2 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	4MN-HD-RMWS	4 monitor professional high performance remote monitoring workstation
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