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THE BEST EVIDENCE ™

High Definition Network Video Recorder Workstation

* monitor sold separately

Description

The Avigilon High Definition Network Video Recorder (NVR) workstation was designed to achieve the highest performance for high definition video recording and playback. It integrates into any Avigilon high definition surveillance system and is ideally suited for smaller systems with a need to view live and recorded image data directly on the NVR.

The NVR has Avigilon Control Center High Definition Network Video Management Server software preloaded and configured for maximum performance and reliability. The NVR can record up to 10 MB/s of image data from up to 64 camera channels running at 30 image per second. Viewing of live or recorded image data and administering the NVR can be done directly on the NVR or remotely using Avigilon Control Center Client software.

The NVR has up to a 3 TB effective recording capacity and comes in a desktop form factor. It has 2 monitor ports for attaching high resolution monitors.

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

· 2 monitor ports

· Desktop form factor

Specifications

System

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® XP Professional 64-bit
Hard Disk Drive Configuration	1 SATA for OS, 1-2 SATA for data, JBOD
Recording Storage Capacity	Up to 3 TB
Processor	Quad core Intel® Xeon® 2.0 GHz
Memory	2 GB RAM
Network Interface	1 Gigabit Ethernet RJ-45 port (1000Base-T)
Video Outputs	2 DisplayPort or DVI
Optical Drive	1 DVD-RW

Mechanical

Form Factor	Desktop
Dimensions (WxHxD)	171 mm x 448 mm x 471 mm 6.7" x 17.6" x 18.5"
Weight	17.7 kg (39 lbs)

Electrical

Power Input	100 to 240 VAC, 50/60 Hz, auto-switching
Power Supply	Single non-redundant
Power Consumption	825 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)

Certifications

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

Remote PC Client Requirements

Operating System	Microsoft® Windows® XP with Service Pack (SP) 2 or later, or Windows® Vista
Processor	Intel® Pentium® 4 2.4 GHz (minimum) Intel® Core™2 Duo (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

Ordering Information

4C-500GB-HD-NVRWS	4 camera channel, 500 GB storage, 1 viewing client, network video recorder workstation
4C-1.0TB-HD-NVRWS	4 camera channel, 1.0 TB storage, 1 viewing client, network video recorder workstation
8C-1.0TB-HD-NVRWS	8 camera channel, 1.0 TB storage, 1 viewing client, network video recorder workstation
16C-1.0TB-HD-NVRWS	16 camera channel, 1.0 TB storage, 1 viewing client, network video recorder workstation
8C-2.0TB-HD-NVRWS	8 camera channel, 2.0 TB storage, 1 viewing client, network video recorder workstation
16C-2.0TB-HD-NVRWS	16 camera channel, 2.0 TB storage, 1 viewing client, network video recorder workstation
8C-3.0TB-HD-NVRWS	8 camera channel, 3.0 TB storage, 1 viewing client, network video recorder workstation
16C-3.0TB-HD-NVRWS	16 camera channel, 3.0 TB storage, 1 viewing client, network video recorder workstation
HD-VIEW-CLIENT	1 additional viewing client connection for a single workstation
HD-VIEW-CL-SITE	1 additional viewing client connection for all workstation at one site
HD-NVMS-ADD-1C	1 additional camera channel for a single workstation