



High Definition Network Video Recorder Workstation



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 supports up to two 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
- Supports up to two high resolution monitors
- Desktop form factor

Specifications

System

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|-------------------------------|---|
| Control Center Edition | Enterprise or Standard 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 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 | 4 GB RAM |
| Network Interface | 1 Gigabit Ethernet RJ-45 port (1000Base-T) |
| Video Outputs | 2 active (1 VGA, 2 DisplayPort, or 2 DVI) |
| Optical Drive | 1 DVD-RW |

Mechanical

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|--------------------|--|
| 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

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

Environmental

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|-----------------------|---|
| 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

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|-------------------|---|
| 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

Ordering Information

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| 500GB-HD-NVRWS | 500 GB storage, network video recorder workstation |
| 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