

HD-NVR



High Definition Network Video Recorder Server

Description

The High Definition Network Video Recorder (NVR) server was designed to achieve the highest performance for high definition video recording and playback. It integrates into any high definition surveillance system and scales from sites with a single NVR to large multi-building campuses with multiple NVRs.

The NVR has Control Center High Definition Network Video Management Server software preloaded and configured for maximum performance and reliability. The NVR can record up to 32 MB/s of image data from up to 96 camera channels running at 30 image per second. Viewing of live or recorded image data and administering the NVR can be done remotely using Control Center Client software.

The NVR has enterprise class reliability with a RAID 5 hard drive configuration and the option for redundant power supplies. In addition, both the hard drives and the power supplies are hot-swappable for online repairs. The NVR has up to a 5 TB effective recording capacity that is expandable using a HD-NVR-EXP storage expansion unit. All of this comes in a space saving 2U rack mount chassis.

Features

- Preloaded and configured with Control Center High Definition Network Video Management Software
- Records up to 32 MB/s of image data
- Supports up to 96 camera channels
- Supports up to 30 images per second per camera channel
- RAID 5 hard
- Up to 5 TB effective recording capacity (after RAID 5 applied) that is expandable using FHD-NVR-EXP
- Hot-swappable hard drives and power supplies
- 2 gigabit Ethernet ports
- 2U rack mount chassis

System	
Recording rate	Up to 32MB/s
Camera channels	Up to 96
Recording image rate	Up to 30 images per second per channel, total 2880 for 96 channels
Local viewing	No
Operating system	Microsoft Windows XP Professional 64-bit
Hard disk drive configuration	6 SATA hot-swappable, RAID 5
Recording storage capacity	Up to 5 TB effective (after RAID 5), expandable
Processor	Quad Core Intel Xeon 2.0GHz
Memory	4 GB RAM
Network interface	2 Gigabit Ethernet RJ-45 port (1000Base-T)
Video outputs	1 VGA
Optical drive	1 DVD-ROM
Form factor	2U rack
Dimensions (LxWxH)	744 x 444 x 86 mm
Weight	23 Kg
Power input	100 to 240 Vac, 50/60Hz, auto switching
Power Supply	Single hot-swappable, dual-redundant optional with FHD-NVR-2ND-PS
Power consumption	750W
Operating temperature	10°C to 35°C
Humidity	20—80% relative humidity (non-condensing)
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) 2GB RAM (recommended)
Video Card	PCI Express, DirectX9.0c compliant with 128MB RAM (Intel GMA900 or better, NVIDIA 6600 or better, ATI X1300 or better)
Network interface	100 Mps (minimum) 1Gbps (recommended)
Hard disk space	500 MB
Supplied accessories	Rack mount kit (brackets, rails, and hardware), cable management arm, Rack bezel, USB keyboard, USB mouse, power cord

Ordering information

F8C-2.5TB-HD-NVR
F8C-5.0TB-HD-NVR
F16C-2.5TB-HD-NVR
F16C-5.0TB-HD-NVR
F24C-3.0TB-HD-NVR
F-HD-VIEW-CLIENT
F-HD-VIEW-CL-SITE
FHD-NVMS-ADD-1C
FHD-NVR-2ND-PS
FHD-NVR-EXP-7.5TB
FHD-NVR-EXP-15TB

8 camera channel, 2.5TB storage, 1 viewing client
8 camera channel, 5.0TB storage, 1 viewing client
16 camera channel, 2.5TB storage, 1 viewing client
16 camera channel, 5.0TB storage, 1 viewing client
24 camera channel, 5.0TB storage, 1 viewing client
1 additional viewing client connection for single server
1 additional viewing client connection for all server at one site
1 additional camera channel for a single server
Secondary redundant power supply
7.5TB RAID 5 expansion, 3U rack mount
15.0TB RAID 5 expansion, 3U rack mount