



8-Bay Network Video Recorder



NVR-5500

H/W Version: 1-TH

The Network Video Recorder (NVR) is a reliable surveillance system with an easy set up functionality. It enables live recording and playback for network cameras via the Local Area Network (LAN) or over the Internet via iOS and Android Mobile device simultaneously.

Smartphone real-time viewing, video/schedule recording and playback are all standard feature for the LevelOne NVR. It also supports up to 12-Megapixel resolution and H.265/H.264/MJPEG/MPEG4 compression with dual stream monitoring. This high-performance NVR adopts the Intel® Xeon™ Processor and DDR4 of system memory, making it perfect for large-scale applications such as retail store, office, bank or factory surveillance needs.

Key Features

- Record up to 200-CH IP Camera with Recording throughput up to 800Mbps
- Support Dual Intel® Xeon® processor E5-2600 v4/v3 family (up to 145W TDP) CPU
- 1 x 16GB DDR4 ECC System Memory, expandable up to 2TB
- Storage Alarm and Web-based Monitoring system
- IPMI Interface for Remote Management
- 12Gb SAS backplane for 8 x 2.5" or 3.5" external hot swap disks
- 1+1 Hot-Swappable Redundant Power Supply

Technical Specification

GENERAL	
RECORDING	
Recording Channel	200-CH
Recording Throughput	800 Mbps
SYSTEM	
Operating System	<ul style="list-style-type: none"> • Windows 10 Professional 64-Bit • Windows Server 2008 R2/2012 64-Bit (Optional)
Processor	Dual Intel® Xeon® processor E5-2600 v4/v3 family (up to 145W TDP) CPU
System Memory	1 x 16GB DDR4 ECC (Expandable to 2TB RDIMM DRx4)
Video Controller	Integrated Video Controller, Shared Memory up to 1GB
Ethernet	4 x RJ-45 Gigabit Ethernet (1000Base-T) Adapter
External Storage Support	<ul style="list-style-type: none"> • iSCSI

SPECIAL PROJECT MODEL

	<ul style="list-style-type: none"> • USB
Rear I/O Port	<ul style="list-style-type: none"> • 4 x USB 3.0 • 4 x Gigabit Ethernet RJ-45 Port • 1 x IPMI RJ-45 Port • Serial Port (DB-9) • VGA (D-Sub) • HDMI • DVI • Audio Input • Audio Output
Front Panel	<ul style="list-style-type: none"> • 2 x USB 3.0 • Power Button • Power LED indicator • HDD LED indicator
Storage Disk Drive	<ul style="list-style-type: none"> • 8 x 2.5" or 3.5" 12Gb SAS Hot-Swap Slot recommended for Video Storage Drives or SSD
RAID	RAID 0,1,5, 6, 10, 50, 60
Power Supply	740W Hot-Swappable Redundant PSU 1+1, 80 Plus Platinum, 110~240 VAC Full Range
MECHANICAL	
Material	Heavy-Duty Pre-Plated SPGC Cold-Rolled Steel Chassis
Cooling	4 x Hot Swap Chassis Fans
Dimension	647 mm x 437 mm x 89 mm (W x D x H)
Weight	25 kg
Mounting	Rack Mount
ENVIRONMENTAL	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	10% to 80% non-condensing
REGULATORY APPROVALS	
Standards	<ul style="list-style-type: none"> • CE • FCC • uL • ISO9001 • ISO14001

Order Information

NVR-5500	8-Bay Network Video Recorder
VSS-CPUE5-2637v4KIT	CPU Intel® Xeon® E5-2637v4 (3.50GHz, 4 Cores, 15MB) Kit
VSS-CPUE5-2620v4KIT	CPU Intel® Xeon® E5-2620v4 (2.10GHz, 8 Cores, 20MB) Kit
VSS-CPUE5-2650v4KIT	CPU Intel® Xeon® E5-2650v4 (2.20GHz, 12 Cores, 30MB) Kit