Brickcom

Linux-embedded Standalone NVR

NR-4000 Series

4 Bay Standalone Network Video Recorder

Brickcom NR-4000 Series Network Video Recorder (NVR) is an Intel-based recording solution which can support multiple IP cameras up to 16 channels of single server and up to 144 channels of multiple servers. This NVR is equipped with an embedded Linux operating system to allow users to remotely monitor, record, and view live video feed from up to 8 and 16 Brickcom network cameras. With the support of Full HD resolution and H.264 compression, it uses less bandwidth while offering the optimal recording quality and image viewing.

From hardware perspective:

- Intel CPU for excellent megapixel recording and provides network throughput up to 360Mbps.
- Support up to 6 TB Storage Capacity per Hard Disk Drive
- Built-in Advanced RAID Configuration
- Support video output via HDMI connector for high image quality local display

From software perspective:

- Linux-embedded system offers more green and power saving
- NR-4000 series supports Various Compression Formats and various recording Modes.
- Remote monitoring offers control of PTZ camera and lets users view preset positions of the IP cameras.
- Powerful Event Management (Event Triggered Recording, E-mail Notification, Video Clip/Snapshot via E-mail… etc.)
- Intuitive Multi-channel Playback and allows exporting video files in AVI format and take a snapshot during playback time.
- User-friendly Video Search by Date, Time, Channel, Normal Record, Event and Recovered File.

- **Work perfectly with Brickcom Cameras**
- **Support GPIO 4 in, 2 out**
- **Up to 200fps Frame Rate in Full HD/HD Local Display**
- **Brilliant Full HD Local Display**
- **Gigabit Ethernet ports supported**
- **Real-time Remote Monitoring**
- **Advanced and Reliable Security System**
- **Superior Hardware Design**

Brickcom NVR Series Specification

Models	NR-4208	NR-4216
Supported Channel Number	Up to 8 Channels	Up to 16 Channels
Operating System	Linux-embedded	
Maximum Network Throughput	360Mbps	
Full HD Local Display	VGA x1 / HDMI x1	
Frame Rate in Full HD/HD Local Display	Up to 200fps	
Storage Capacity per HDD	Up to 6 TB	
Maximum capacity	Up to 24TB (2.5"/ 3.5" SATA HDD x4)	
HDD Tray	4 (hot-swappable and lockable tray) * All standalone NVR will be shipped without HDD	
Multi-NVR Server Monitoring	Yes (Up to 144 Channels)	
Video Format	MJEPG, MPEG-4, H.264 (Depending on the camera models)	
Disk Configuration	JBOD, RAID 0/1/10/5	
CPU & Memory	CPU: INTEL & Memory: 2GB DDRIII, 1GB Flash(DOM)	
LAN Port	Gigabit x2	
GPIO	4 in, 2 out	
USB Connector	USB 2.0 x 6	
Fan	2 x quiet cooling fan	
Power Supply	Input: 100-240V AC, 50/60 Hz, Output: 250W	
Power Consumption	Operation: 54 ~ 65W (with 4 x 500GB HDD installed and in RAID 5 building process)	
H/W Dimensions	317(H) x 250(W) x 245.8(D) mm 7.28(H) x 8.08(W) x 9.68 (D) inch	

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