

## Linux-embedded Standalone NVR

### NR-8000 Series

### 8 Bay Standalone Network Video Recorder



- Work perfectly with Brickcom Cameras
- Support GPIO 4 in, 2 out
- Up to 200/ 300fps 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 NR-8000 Series Network Video Recorder (NVR) is an Intel-based recording solution for professional users to effectively grow and navigate their network surveillance systems. 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 16 and 32 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-8000 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.

## Brickcom NVR Series Specification

<b>Models</b>	NR-8216-RM	NR-8232-RM
<b>Supported Channel Number</b>	Up to 16 Channels	Up to 32 Channels
<b>Operating System</b>	Linux-embedded	
<b>Maximum Network Throughput</b>	360Mbps	
<b>Full HD Local Display</b>	VGA x1 / HDMI x1	
<b>Frame Rate in Full HD/HD Local Display</b>	Up to 200fps(Full HD)/ 300fps(HD)	
<b>Storage Capacity per HDD</b>	Up to 6 TB	
<b>Maximum capacity</b>	Up to 48TB (2.5" / 3.5" SATA HDD x8)	
<b>HDD Tray</b>	8 (hot-swappable and lockable tray) * All standalone NVR will be shipped without HDD	
<b>Multi-NVR Server Monitoring</b>	Yes (Up to 144 Channels)	
<b>Video Format</b>	MJPEG, MPEG-4, H.264 (Depending on the camera models)	
<b>Disk Configuration</b>	JBOD, RAID0, RAID1, RAID10 and RAID 5	
<b>CPU &amp; Memory</b>	CPU: INTEL & Memory: 2GB DDRIII, 1GB Flash(DOM)	
<b>LAN Port</b>	Gigabit x2	
<b>GPIO</b>	4 in, 2 out	
<b>USB Connector</b>	USB 2.0 x 4, USB 3.0 x1	
<b>Fan</b>	3 x cooling fan (8cm)	
<b>Power Supply</b>	Input: 100-240V AC, 50/60 Hz, Output: 300W	
<b>Power Consumption</b>	Operation: 84W (with 8 x 500GB HDD installed and in RAID 5 building process)	
<b>H/W Dimensions</b>	88.1(H) x 481(W) x 661.65(D) mm 3.46(H) x 18.9(W) x 26(D) inch	

