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www.camera-megapixels.fr

Network Video Recorder

Max Capacity: 4TB

NR-04A



- **Manage up to 4 Network Cameras**
- **High Quality Live / Playback Video**
- **Export Playback Videos to AVI**
- **Advanced PTZ Control**
- **Smart Camera Search**
- **Linux-embedded Operating System**
- **User Level Access Control**
- **Pure Web Based Administration**

The Brickcom NR-04A Network Video Recorder (NVR) is an ARM9-based recording solution for SMB and SOHO 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 4 Brickcom network cameras. With the support of megapixel resolution and H.264 compression, it uses less bandwidth while offering the optimal recording quality and image viewing.

Easy installment and management is central to the operation of the NR-04A. For easy set up and scalability, the NVR is able to automatically search and access the available cameras on the network. Operation of the IP cameras and NVR is managed through Brickcom's EasyConfig software and GUI. A maximum of four PCs are able to concurrently access the NVR and view live or recorded video feed using Microsoft Internet Explorer and the Brickcom GUI.

The NR-04A is designed for long-term recording and video storage with a Gigabit Ethernet port and two SATA hard disks with a maximum capacity of 4 terabytes. Flexible recording options include manual, event-triggered, scheduled or continuous. With the help of the Brickcom NR-04A and its IP cameras, users can quickly and easily build a secure IP surveillance system.

Hardware Specifications

CPU and Memory
ARM9 300 Mhz/128 DDR RAM

Ethernet
10BaseT / 100BaseT / 1GBaseT and half duplex / full duplex auto-negotiation

HDD
SATA HDD Slot x 2 (SATA I or SATA II)
Max. Capacity: 4TB (2TB per HDD, HDD NOT included)

LED
Power / HDD

Buttons
Power / Reset

Connectors
USB x 2 (reserved)

Power
12V DC / 4A
Power consumption: 40W

Dimensions
22 x 12 x 7.5 cm

Weight
2.1 kg

Temperature
Operating: 5 ℃ ~ 40 ℃ / 41 ℉ ~ 104 ℉
Storage: -20 ℃ ~ 70 ℃ / -4 ℉ ~ 158 ℉

Humidity
Operating: 10%RH ~ 80% RH
Storage: 5%RH ~ 90%RH

Safety
FCC & CE

Software Specifications

Cameras
Add Camera: Manual / Smart Camera Search
Max. Channels: 4 ch

Video
Compression: MJPEG / MPEG-4 Part 2 / H.264
Resolution: HD / MegaPixel / FD1 / CIF / QCIF
Max. Frame Rate: 120 fps (1.3 MegaPixel, H.264)

Audio
Streaming: Two-way audio
Compression : G.711/G.726

Live View
Display Mode: Live View / Playback / Full Screen
Split Screen: 1/4
Full Screen: 1/4
PTZ Support: Virtual PTZ Panel / Digital PTZ / Auto Pan / Preset Point / Preset Sequence
Sequence Mode: Sequence All / Manually Selected cameras in 1/4 split view with configurable timer
E-Map Monitor: E-Map Display Live videos with instant event notification
Snapshot: Video snapshot in JPEG format

Recording
Capacity: Depends on hard disk
Recording Mode: Manual / Continuous / Scheduling / Event
Scheduling Types: Manual Select / Profile-based / Weekly
Max. Recording Performance: 8 Mbps

Network
Protocols: HTTP/SMTP/DHCP/ARP/NTP/DNS/UPnP/FTP
Streaming Protocols: Depend on the supported cameras

Playback
Split Screen: 1/4
Search Methods: Time / Date, Event
Playback Controls: Play / Pause / Stop / Forward / Reverse / Speed Adjust / Frame by Frame
Export AVI: Export Playback Videos to Local Computer in AVI Format

Triggers & Events
System Events -- System Start/Shutdown, System Settings modified, Camera Settings Modified, Start Recycle, Disk Full
Camera Events -- Motion/Sensor Detection
Event Actions: Mail / FTP / Record
Event Recording: Pre/Post Event Settings

User Management
Management: User / Group
Number of Groups: 7 (Administrator/Guest/User Define*5)
Privileges: Live View / Playback / System Configurations / Camera Configurations / Recording Configuration / Event Configuration / Maintenance

Storage
Storage: Support SATAx2, Max. 2TB per drive (HDD NOT included)

Logs
Logs Types: Alert / Event / User Access

Systems
Mini. Hardware Requirements:
CPU: Intel Core 2 Duo @ 2.4Ghz or higher
RAM: 1GB or above
Network: 100 Megabit Network Interface or above

Mini. Software Requirements: IE Browser version 7 or above

General
Languages: English / Japanese / Trad. Chinese / Simp. Chinese / Spanish / Italian / German / Portuguese / Danish / Czech / Polish / French / Russian / Slovak / Hungarian / Turkish

Packaging
NR-04A (HDD NOT included) / CD with Software tool / Datasheet / Quick Guide / User's Manual/Power Adapter

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Brickcom Corporation Headquarters
Address: No.1, Jen Ai Rd, Hsinchu Industrial Park, Hukou, Hsinchu, Taiwan, R.O.C. 303
Tel: + 886-3-5982023 Fax: + 886-3-5982023
Mail: info@brickcom.com http://www.brickcom.com