

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)

LED

Power / HDD

Buttons

Power / Reset

Connectors

USB x 2

Power

12V DC / 4A

Power consumption: 40W

Dimensions

22 x 12 x 7.5 cm

Weight

2.1 kg

Temperature

Operating: 5 °C ~ 40 °C / 41 °F ~ 104 °F

Storage: -20 °C ~ 70 °C / -4 °F ~ 158 °F

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

Event :

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

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 / Danish

Packaging

NR-04A (HD NOT included) / CD with Software tool /

Datasheet / Quick Guide / User's Manual/Power Adapter