![level one logo]

32-CH Network Video Recorder

NVR-0432

H/W Version: 1

Overview

NVR-0432 is a high performance Network Video Recorder for easy set up a reliable and cost effective surveillance system for IP network cameras. It enables live view & recording for up to 32 IP cameras simultaneously and playback up to 4 IP cameras via the local area network. The system is compatible with most major vendors IP cameras, with no specific hardware or software required, just plug NVR-0432 into your LAN-connected device (switch or router) with few clicks and it will search and configure each connected IP cameras, no more extra work needed. With built-in IP based device, it offers a complete recording solution directly connects to your network, such as real-time monitoring, video recording and playback. It is a powerful solution that well suited for small scale applications such as retail store, office, bank or home surveillance systems.

Robust Performance

Optimised file structure is designed specifically for long term video recording application to ensure fast access video footage and save disk space at the same time. Built with a powerful H.264 video compression engine, the NVR provides superior video quality, up to 960 frames per second with an IP video input – at significantly low bit rates. This reduces the storage and bandwidth requirements, as well as lower cost of ownership and operation
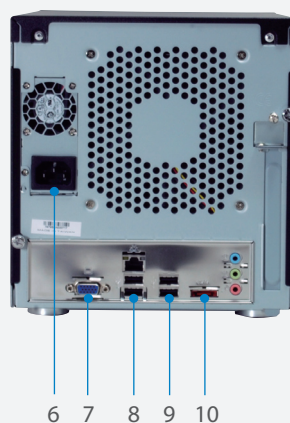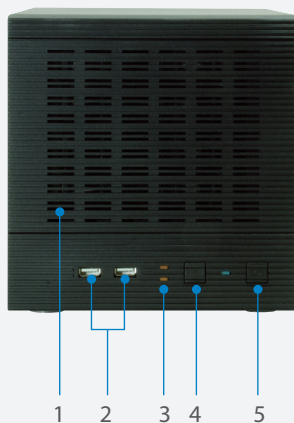
Large Storage Capacity

The NVR features the RAID function that offers data redundancy which helps protect the video data in events of a disk or power failure. It supports 4-Bay SATA hard disks for up to 12TB total storage, for instance, 30 days of 1.3MP (1280x1024) resolution at 10 frames per second from 32 channels. In addition, the NVR supports external storage via e-SATA interface to extend total recording capacity.

Free Bundled NVR Management Software

The free bundled management software can manage 16 NVR units for up to 256 channels that allows system operator to monitor and manage multiple sites from a single platform.

Front View & Rear View

1. SATA HDD Bay x 4
2. USB Ports
3. LED Status
4. Reset Button
5. Power Button
6. Power Socket
7. Local Display
8. Gigabit Ethernet
9. USB 2.0 Ports
10. eSATA

Key Features

- Manage up to 32 network cameras
- 200Mbps Recording Throughput up to 960fps @ 1280x1024
- Database backup
- Export video footage to AVI format
- Web based E-Map event alert
- Two-way Audio
- Support e-SATA external storage
- Local display with VGA output
- Remote monitoring via mobile devices
- 4-Bay SATA supports RAID 0, 1, 5, 10
- Maximum storage capacity up to 3TB per disk

Works Well With

FCS-5051
Day/Night 2-Megapixel PoE Outdoor Network Camera

FCS-4041
Day/Night H.264 2-Megapixel PoE IP Dome Camera

Technical Specification

Camera
Smart / Manual Camera Search
Max. Channel: 32

Video
Compression: MJPEG / MPEG4 / H.264
Resolution: 5MP / HD / Megapixel / FD1 / CIF / QCIF
Max. Frame Rate: 960fps (1.3MP, H264)

Audio
Two-way audio

Live View
Display Mode: Live View / Playback (4-CH) / Full Screen
Split Screen: 1 / 4 / 16 / 36
Full Screen: 1 / 4 / 16 / 36
PTZ Support: Virtual PTZ Panel / Auto Pan / Preset Point / Preset Sequence / Digital PTZ
Sequence: Sequence All / Selected cameras in 1/4/16 split view with timer
Snapshot: Video Snapshot in JPEG format
E-Map: Motion Detection Event Display on E-Map / Google Map
Mobile Device: Live View via Mobile Browser, supports iPhone / BlackBerry / WinMo 6.5 / Symbiam s60

Network
Protocols: HTTP / SMTP / DHCP / ARP / NTP / DNS / UPnP / FTP
Streaming: Depends on the supported camera protocols

User Management
7 x User / Group (Admin / Guest / User Defined x 5)
Privileges: View / Playback / System Configuration / Camera Configuration / Recording Configuration / Event Configuration / PTZ / System Option

Trigger & Event
System Event: System Start / System Setting Modified / Camera Setting Modified / Start Recording Recycle / Disk Full
Camera Event: Motion / Sensor Detection
Event Action: Mail / FTP / Buzzer / Record
Event Recording: Pre / Post Event Settings

Hardware
CPU: Intel Atom D525 Dual Core 1.8GHz
Memory: 2GB DDR2
4 x 3.5 inch SATA Bay
Ethernet Port: 1 x 10/100/1000Mbps
USB 2.0 x 6
e-SATA x 1
Audio Line In / Line Out / Mic

Client System (Minimum)
Intel Core 2 Duo @ 2.4GHz or higher
1GB RAM or above
100Mbps Network Interface or above
IE Browser 7.0 or above

Power
AC input: 100~240 VAC, 50/60 Hz
200W ATX Power

Dimension & Weight
318 x 198 x 205 mm
6.5kg

Environment
Operation Temperature: -0 ~ 40 ℃
Storage Temperature: -50 ~ +80 ℃ (-58~176 °F)
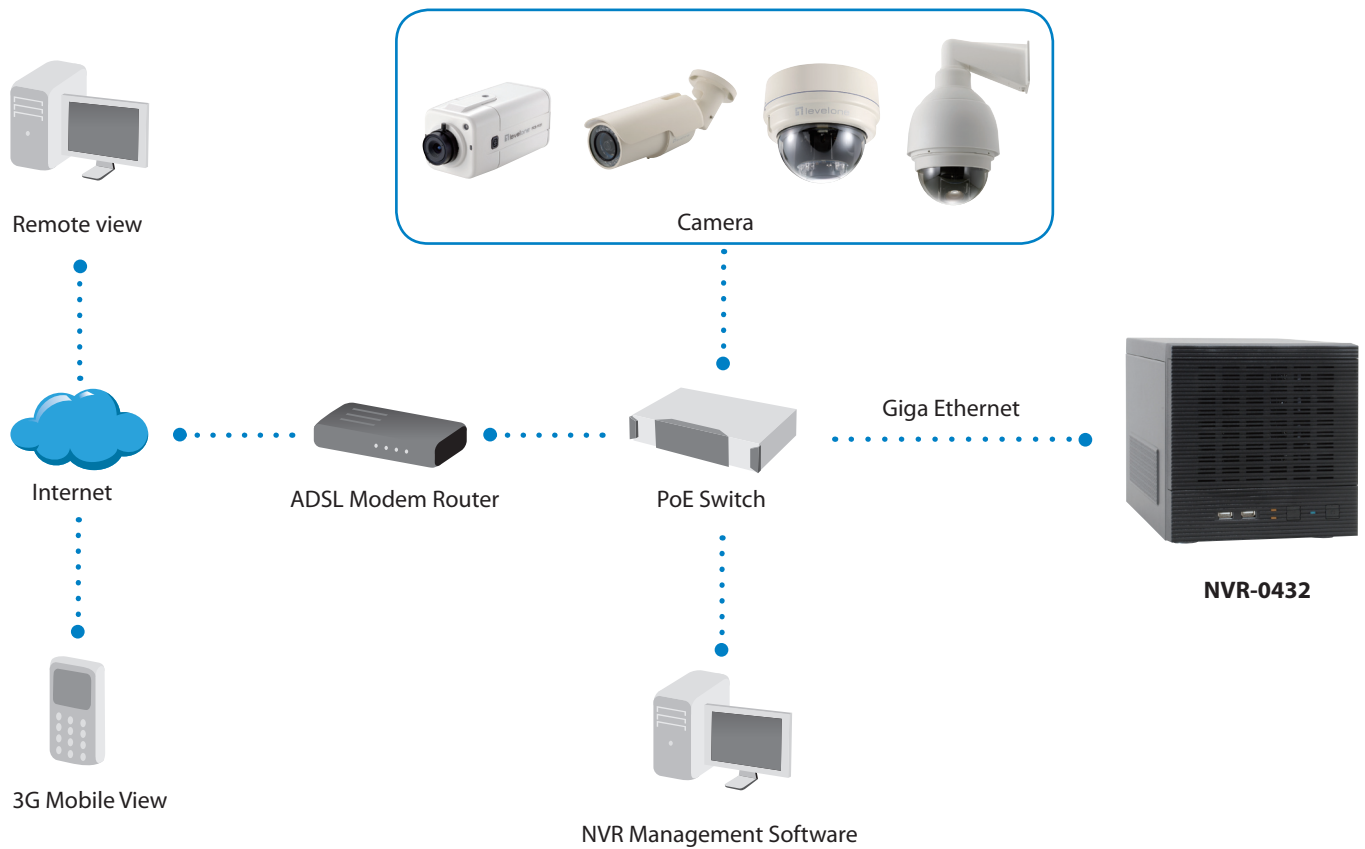Operation Humidity: 10% ~ 80% (Non-condensing)
Storage Humidity: 5% ~ 90% (Non-condensing)

Certification
CE, FCC
RoHS Compliant

Product Diagram

Remote view

Camera

Internet

ADSL Modem Router

PoE Switch

Giga Ethernet

NVR-0432

3G Mobile View

NVR Management Software

Order Information   **NVR-0432:** 32-CH Network Video Recorder, 4-Bay SATA, 160Mbps Throughput

Package Contents   NVR-0432 (HDD NOT included)
CD Manual / Utility
Quick Installation Guide
Power cord