



Network Video Recorder



NVR-02 Series

H/W Version: 2

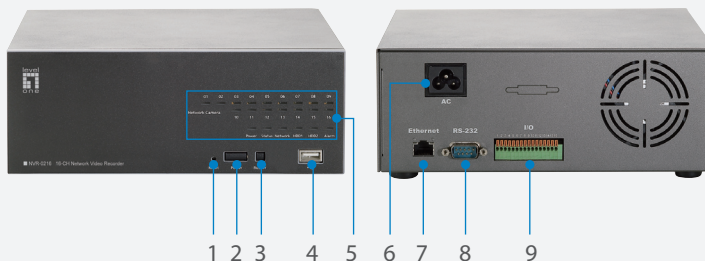
The LevelOne Network Video Recorder (NVR) is a reliable surveillance system with an easy set up functionality. It enables live recording and playback for up to 4/8/16 network cameras via the local area network (LAN) or over the Internet simultaneously.

This system is compatible with most network cameras (Please see compatible list), with no specific hardware or software requirement. Just plug the NVR into the LAN connected device (switch or router) and with a few clicks, it will search and configure each connected network cameras instantly. This high-performing NVR is cost-effective and it offers a completed monitoring solution. Smartphone real-time viewing, video/schedule recording and playback, DI/DO for sensor/alarm and external Uninterruptible Power Supply (UPS) for non-stop recording service are all standard feature for the LevelOne NVR.

It also supports up to 5-Megapixel resolution and H.264/MJPEG/MPEG4 compression with dual stream monitoring. The LevelOne NVR is a powerful tool that well suited for small scale applications such as retail store, office, bank or home surveillance needs.

Enhanced Multi-Server Management

We aim to offer you the most versatile and comprehensive surveillance solutions. Our free bundled NVR management software coming with the NVR allows you to cascade up to 16 NVR servers located in different sites and monitor up to 256 IP cameras simultaneously from a single point of management. Thus easing administration tasks while maximizing efficiency and performance.



1. Reset Button
2. Power Button
3. Buzzer Stop Button
4. USB Port
5. LED Indicators
6. Power Connector
7. Ethernet
8. RS-232
9. DI/DO

Key Features

- 2 x 3.5 inch disk slot (SATA I/II, up to 2 x 3TB)
- Manage and control up to 4/8/16 network cameras
- Gigabit Ethernet (1000Mbps) speeds
- Compression: H.264/MPEG-4 Part 2/MJPEG
- Resolution: 5-Megapixel/3-Megapixel/Full HD/1-Megapixel/FD1/CIF/QCIF
- Supports smart camera search and 2-way audio
- Supports PTZ/preset point/preset sequence
- Motion detect and event display on e-map
- Supports iPhone/smartphone/PDA remote viewing over the Internet
- Display mode: Live view/playback/full screen
- Supports external UPS and DI/DO
- Supports 2 video streams simultaneously
- Free bundled NVR management software for manage up to 16 NVR devices

Works Well With



FCS-4041

2-Megapixel P/T/Z PoE Plus Speed Dome Outdoor Network Camera



FCS-5051

Day/Night 2-Megapixel PoE Outdoor Network Camera

Technical Specification

Hardware
Processor ARM9 1.6Ghz
Memory 512MB DDR3 RAM
HDD Capacity SATA HDD Slot x 2 (SATA I or SATA II) Max. Capacity: 6TB (3TB per HDD)
LAN Port 10/100/1000Base-T
USB 1 x USB 2.0 for backup device and firmware upgrade
Buttons Power button, reset button, buzzer stop button
LED Indicators Power, System, Network, HDD, Alarm, Camera
Alarm Buzzer System warning, event alert
Digital Input/Output DI x 8 / DO x 4
Dimensions 220 x 218 x 81 mm
Weight 2670 g (without HDD)
Power 100~240V AC, 1.4A
Power Consumption max. 90W
Operating Temperature 5 °C ~ 45 °C
Operating Humidity 5% ~ 90% (non condensing)
Approvals CE/FCC
Camera
Channels 4 / 8 / 16
Supported Brands A-MTK / Abus / ACTi / AirLive / ALinking / Arecont Vision / AVTech / Axis / Brickcom / Canon / CNB / Compro / D-Link / Dynacolor / Etrovision / Flexwatch / Hikvision / Hunt / iMege / IQInvision / LevelOne / Mobotix / Panasonic / Pixord / Planet / Planex / Sanyo / Sony / Toshiba / Vivotek / Zavio
Video
Resolution 5MP / 3MP / 2MP / Full HD / MegaPixel / FD1 / CIF / QCIF
Compression H.264 / MPEG-4 / M-JPEG
Audio
Codec G.711 / G.726
Streaming 2-Way Audio
Live Viewing
Display Mode Live View / Playback / Full Screen
Split Screen NVR-0204 - 1/4 NVR-0208 - 1/4/8 NVR-0216 - 1/4/16, 9/13
Full Screen NVR-0204 - 1/4 NVR-0208 - 1/4/8 NVR-0216 - 1/4/16, 9/13
PTZ Support Virtual PTZ Panel / Auto Pan / Preset Point / Preset Sequence / Digital PTZ
Sequence Mode Sequence All / Manually Selected cameras in 1/4 split view with configurable timer
Snapshot 3 continuous snapshots in JPEG format

E-Map

Motion Detected Event Display on E-Map / Google Map

Mobile Device

Live image view through mobile device's web browser

Support iPhone / Blackberry / WinMobile 6.5 / Symbian S60

Playback

Split Screen

1/4

Seach Method

Time/Date, Event

Playback Controls

Play / Pause / Stop / Forward / Reverse / Speed Adjust / Frame by Frame

Backup

Export Playback Videos to Local Computer in AVI Format

Recording

Max. Frame Rate

240 fps (1920 x 1080, H.264)

Capacity

Depends on hard disk

Recording Mode

Manual / Continuous / Schedule / Event

Scheduling Types

Manual Select / Profile-based / Weekly Mode

Dual Stream

Support different video format for recording other than the one used for live view

Network Throughput

80 Mbps

Export File Format

AVI

Triggers & 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 / Buzzer

Event Recording

Pre/Post Event Settings

Management

Number of Groups

7 (Administrator/Guest/User Define * 5)

Privileges

Live View / Playback / System Configurations / Camera Configurations / Recording Configuration / Event Configuration / Maintenance

System Log

Alert / Event / User Access

Central Management

Support NVR Management Software to manage up to 16 NVR device.

Network

Supported Protocols

HTTP, SMTP, DHCP, ARP, NTP, DNS, UPnP, FTP

Device Network Configuration

Static IP / DHCP (client & server)

Max. Session

48 (live:32, playback:16)

General

Languages

English / Trad. Chinese /Simp. Chinese / Japanese / Italian / Spanish / Portuguese / German / Danish / Czech / Polish / French / Russian / Slovenian / Hungarian / Turkish / Finnish / Dutch / Slovenian / Greek

Hardware Requirements

CPU: Intel Core 2 Duo @ 2.4Ghz or higher

RAM: 1GB or above

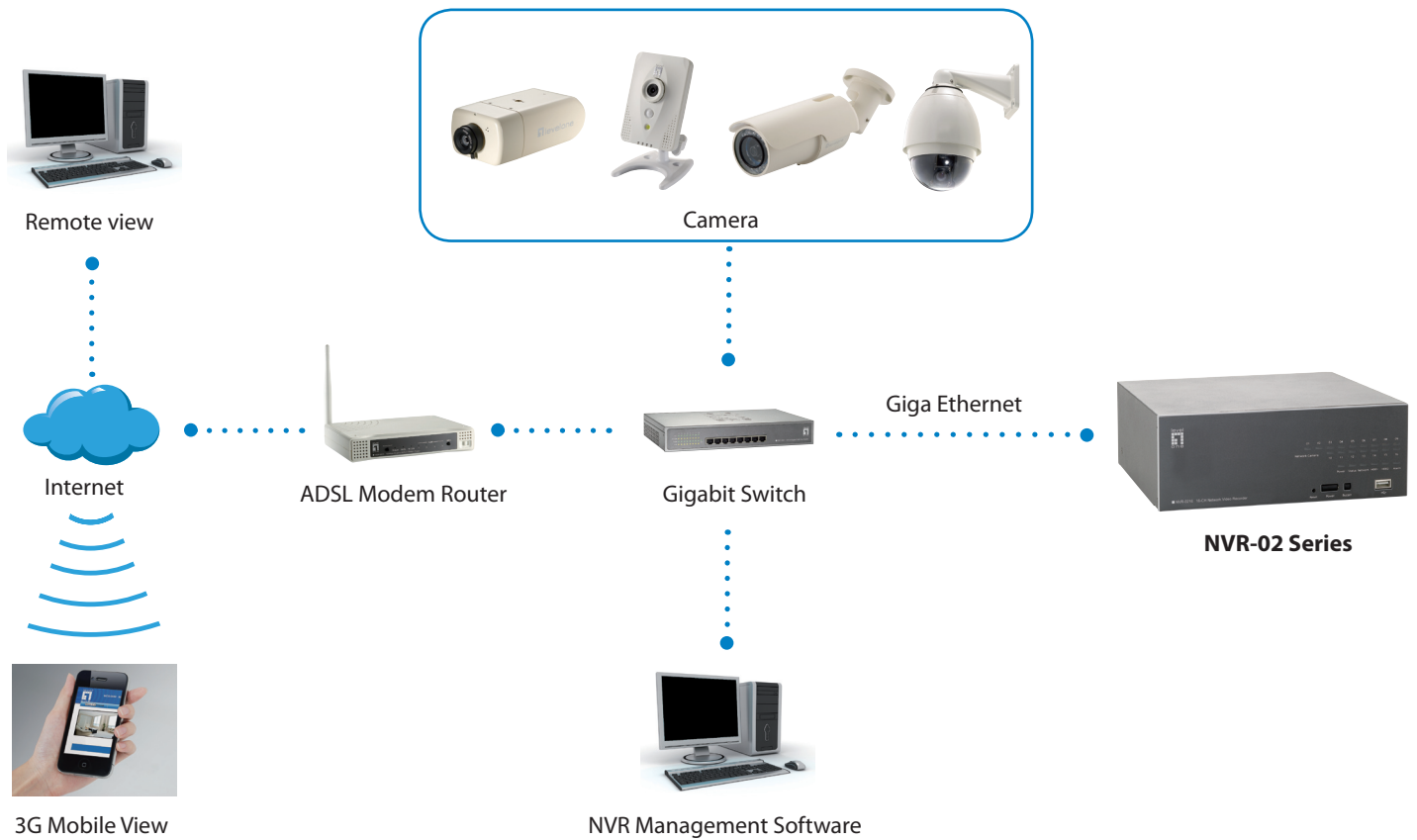
Network: 100 Megabit Network Interface or above

Software Requirements

Internet Explorer 7 or above

* Please visit <http://global.level1.com> for the latest product compatibility list.

Product Diagram



Order Information

NVR-0204: 4-CH Network Video Recorder

NVR-0208: 8-CH Network Video Recorder

NVR-0216: 16-CH Network Video Recorder

Package Contents

Network Video Recorder
RJ-45 Ethernet LAN cable
Power cord
Quick Installation Guide
CD Manual/Utility