



4-CH Network Video Recorder



NVR-0104

H/W Version: 2

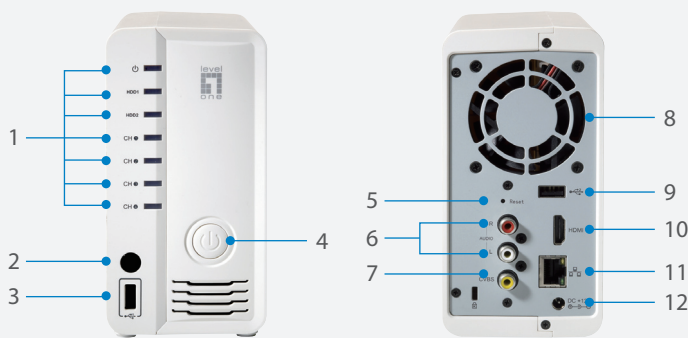
The LevelOne Network Video Recorder (NVR) is a reliable surveillance system with an easy set up functionality. It enables live recording and playback for up to 4 network cameras via the local area network (LAN) or over the Internet simultaneously.

This system is compatible with most network cameras, 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, event display on e-map/Google map, video/schedule recording and playback are all standard features for the LevelOne NVR-0104.

Moreover, it equipped a HDMI connector interface for connect the NVR directly to a HDMI capable device such as HDTV or HD monitor, with Full HD resolution and H.264/MJPEG/MPEG4 compression. The LevelOne NVR-0104 is a powerful tool that well suited for small scale applications such as retail store, office 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. HDD LEDs
- 2. Remote Control IR Receiver
- 3. USB Connector
- 4. Power Button
- 5. Reset Button
- 6. Composite Audio
- 7. Composite Video
- 8. System Fan
- 9. USB Connector
- 10. HDMI Connector
- 11. Ethernet
- 12. Power Connector

Key Features

- 2 x 3.5 inch disk slot (SATA I/II, up to 2 x 2TB)
- Manage and control up to 4 network cameras
- Supports 1080p HDMI local display
- Compression: H.264/MPEG-4 Part 2/MJPEG
- Resolution: Full HD/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/Google map
- Supports iPhone/smartphone/PDA remote viewing over the Internet
- Display mode: Live view/playback/full screen
- Remote controller included
- Free Bundled NVR management software for manage up to 16 NVR devices

Works Well With



WCS-0050
150Mbps Wireless Megapixel Network Camera



FCS-1122
Megapixel PoE Network Camera

Technical Specification

Hardware
Processor Media Processor
Memory 512MB DDR2 RAM
HDD Capacity 3.5" SATA HDD x 2 (SATA I or SATA II) Max. Capacity: 4TB (2TB per HDD)
LAN Port 10/100Base-TX auto-negotiation
USB 2 x USB 2.0 port (front: 1; back: 1) Support USB mouse
Video Output HDMI x 1 Composite RCA jack x 1
Audio Output Audio RCA x 2
Buttons Power button, reset button
LED Indicators Power, HDD, Camera
Dimensions 213 x 80 x 150 mm
Weight 835 g (without HDD)
Power 12VDC/4A
Power Consumption max. 50W
Operating Temperature 5 °C ~ 40 °C
Operating Humidity 10% ~ 80% (non condensing)
Approvals CE/FCC
Camera
Channels 4
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 Full HD / Mega Pixel / FD1 / CIF / QCIF
Compression H.264 / MPEG-4 / M-JPEG
Local Video Display Video Streaming: H.264 / MPEG4 30fps at 1920 x 1080, H.264, 8Mbps Snapshot: MJPEG
Audio
Codec G.711 / G.726
Streaming Web: 2-Way Audio Local: One Way Audio
Live Viewing
Display Mode Live View / Playback / Full Screen
Split Screen 1/4 (web), 1 (local display)
Full Screen 1/4 (web), 1 (local display)
PTZ Support Virtual PTZ Panel / Digital PTZ (web UI) / Auto Pan (web UI) / Preset Point / Preset Sequence
Sequence Mode Sequence All / Manually Selected cameras in 1/4 split view with configurable timer (web) Single view sequence with configurable timer (local display)

Snapshot Video snapshot in JPEG format
E-Map Motion Detected Event Display on E-Map / Google Map (web)
Mobile Device Live image view through mobile device's web browser Support iPhone / Blackberry / WinMobile 6.5 / Symbian S60
Playback
Split Screen 1/4 (web), 1 (local display)
Search Method Time/Date, Event
Playback Controls Play / Pause / Stop / Forward / Reverse / Speed Adjust / Frame by Frame
Backup Backup recorded video in original database file format to local USB storage
Recording
Max. Frame Rate 120 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
Network Throughput 40 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 /
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 26
General
Languages Web UI: English / Trad. Chinese / Simp.Chinese / Japanese / Italian / Spanish / Portuguese / German / Danish / Czech / Polish / French / Russian / Slovenian / Hungarian / Turkish / Finnish / Dutch / Slovenian / Greek Local UI: English
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

— RJ-45 Ethernet

— HDMI



Order Information

Package Contents

NVR-0104: 4-CH Network Video Recorder

NVR-0104 (HDD NOT included)

IR Remote Controller

RJ-45 Ethernet LAN Cable

Power adapter

CD Manual / Utility

Quick Installation Guide

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