

NVR-0437 Version: 1



## GEMINI 32-Channel Network Video Recorder

The LevelOne NVR-0437 NVR enables live view, recording and playback for up to 32 IP network cameras at the same time, featuring up to 6-megapixel resolution and H.264/H.264+ video compression. Operation is easy and intuitive via the web browser interface (IE), enabling remote monitoring and functionality. Mobile device operations are also supported (iOS/Android), with remote viewing via the LevelOne NVR app.

The NVR also features built-in HDMI, VGA and USB ports for peripheral devices such as a monitor, mouse or keyboard, allowing users to operate directly from the NVR without the cost of adding a PC to the deployment. 4 HDD bays complete the package, with a disk capacity of up to 6TB making the LevelOne NVR-0437 a powerful, smart and cost-effective solution for managing your security network.

Supports dual gigabit LAN ports allowing for concurrent dual-connection, and providing a network backup in case of unscheduled network downtime.

Central Management System (CMS) software is included for free, with no license fees. The CMS is capable of managing up to 256 NVRs, making it suitable for large scale surveillance applications.

### Key Features

- Display mode: Live view/playback/full screen
- Supports video resolutions up to 6 megapixels
- Supports smart camera search and 2-way audio
- Supports PTZ/preset point/preset sequence
- Supports iPhone/Android phone remote viewing over the Internet
- 4 x 3.5" HDD bays support disk capacity of up to 6TB

### Specifications

#### System Specifications

##### Standards & Protocols:

TCP,UDP,IPv4,IPv6,Http,Https,SMTP,NTP,SNTP

##### Embedded System:

Linux based

##### Port:

10/100/1000 Mbps LAN Network Interfaces x 2

10/100 Mbps x 16 PoE (IEEE802.3af)

AUDIO OUT x1

AUDIO IN x1

HDMI Interface x1

USB3.0 Interface x1

USB2.0 Interface x2

RS-232 Serial Interface x1

VGA Interface x1

RS-485 Serial Interface x1

ALARM IN x4



ALARM OUT x16  
100~240VAC Power Input

**Button/Knob:**

Power  
shift  
Menu  
F1  
F2  
Rsc  
Edit  
Play  
Rec  
PTZ  
Prev

**Indicator:**

Power  
Ready  
Status  
Alarm  
HDD  
TxRx

**Video Compression:**

H.264/H264+

**Resolution:**

Record Up to 6-Megapixel resolution

**Power Input:**

100-240V AC

**Power Consumption:**

20 Watt without hard disk

**Storage Capacity:**

4 SATA interfaces for 4 HDDs  
Up to 6TB capacity for each HDD

## Features

**PoE:**

16 port PoE (IEEE802.3af)

**Video:**

Decoding

Live view / Playback resolution: 6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/CIF/QCIF

Synchronous playback: 16-ch

Capability : 6-ch @ 1080p,12-ch-@720P,16-ch@ 4CIF

## Performance

**Number of Clients:**

128

**Network Throughput:**

Outgoing bandwidth 80Mbps

incoming bandwidth 160Mbps

## Environment

Operating Temperature (°C):

-10 to+55°C (14 to131°F)

Operating Humidity (Non-condensing):

10 to 90 %

## Physical Specifications

Dimensions (W x D x H mm):

445 x 390 x70 mm ( 17.5" x 15.3" x 2.8")

Weight (g):

4 Kg (8.82 lb)

## Approval and Compliance

EMI/EMS:

CE/FCC,uL

Others:

RoHS

Manufactured in ISO-9001 and ISO-14001 certified factory

## Others

Supported Browsers:

Internet Explorer 9.0 or above

Compatibility:

Onvif Camera

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## Order Information

NVR-0437

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## Package Contents

NVR-0437

Power Cord

Resource CD (User Manual, QIG)

RJ45 Network Cable