

HEN08101(X) / HEN16101(X)

www.asia.security.honeywell.com

8/16 CHANNEL 1080P H.264 PoE NETWORK VIDEO RECORDER

The HEN08101(X) and HEN16101(X) are feature-rich 1080P IP NVRs with high price-performance ratio. Available at 8- or 16-channel with up to 8TB internal storage, these NVRs are an ideal solution for IP surveillance deployment.

Fully-featured NVRs

- High decoding capability for full HD viewing and recording.
- View up to 8-channels (HEN08101(X)) or 16-channels (HEN16101(X)) simultaneously
- 8 channels live view and play back at full frame rate 1080p resolution.
- Up to 16 channels recording at 1080p at full frame rate
- Bi-directional communication.
- H.264/MJPEG dual codec decoding
- HDMI / VGA simultaneous video output
- Supports up to 16 alarm inputs and 3 alarm relay outputs

Easy to Use

- Install NVR step-by-step by Quick Setup Wizard; built-in PoE to power up to 8 IP cameras
- Simple and intelligent NVR design reduces time for physical installation
- Remote configuration and firmware update via web client and the Honeywell configuration tool

Convenient, Flexible Storage Options

- Internal storage supports two HDDs up to 8 TB (4 TB each).*
- Store videos and snapshots to external storage such as the client's PC, through the Internet connection.
- Store videos and snapshots to an external network storage server such as an FTP site.
- Store videos and snapshots to a USB memory device.

Dynamic, Accessible Monitoring

- Monitor videos anywhere by using the mobile app HonView Touch applicable to Apple and Android devices (smartphones, tablets, and laptops)
- Password-protected access to the NVR's video and network setup.

Privacy Masking

- Conceal up to 4 areas of a scene from viewing and recording.

Market Opportunities

High quality, feature-rich and easy-to-operate, the HEN08101(X) and HEN16101(X) NVRs are designed for medium-scale installations at an affordable price. Also with various remote access tools, these IP NVRs are ideal for retail stores, residential areas, clinics, offices, commercial buildings and so on.

*See User Guide for compatible HDD listings.



HEN08101(X) / HEN16101(X)

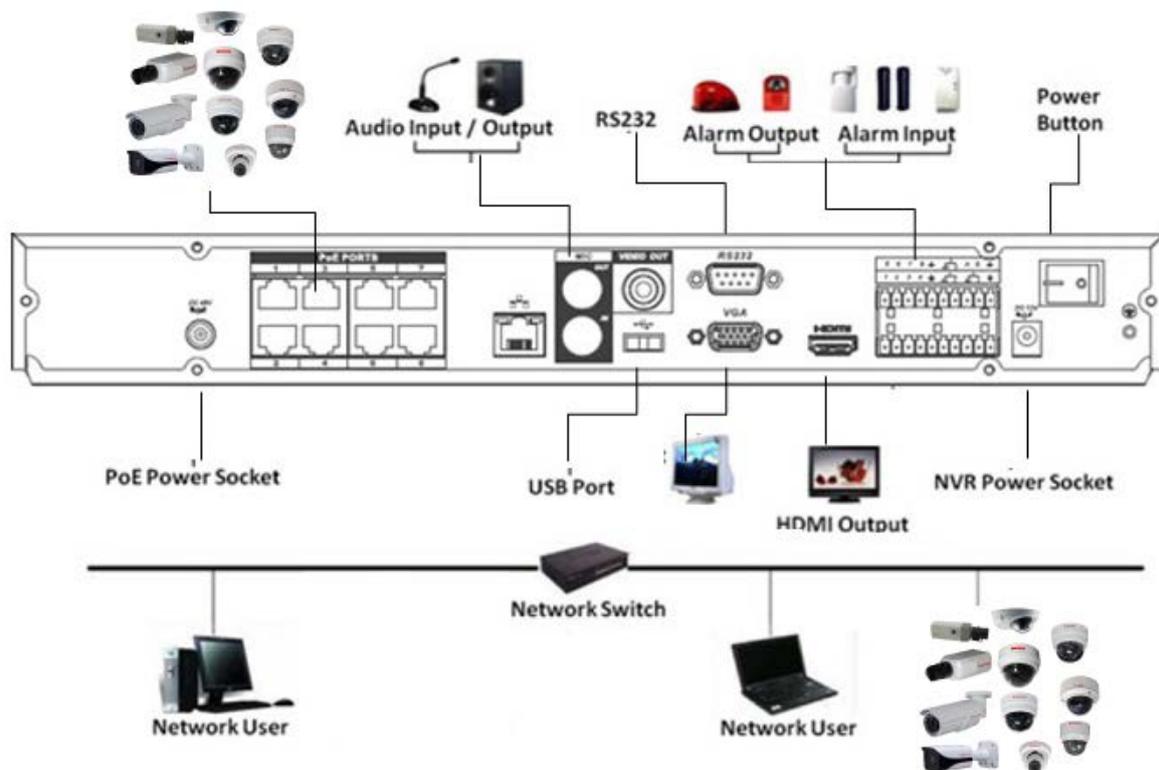
www.asia.security.honeywell.com

8/16 CHANNEL 1080P H.264 PoE NETWORK VIDEO RECORDER

Immediately Detect and Respond to Events

The HEN08101(X) / HEN16101(X) IP NVR can be configured to automatically detect and respond to events such as motion in the scene, alarm inputs, a network failure and/or tampering. Automated responses include:

- Sending a notification via email, FTP and/or HTTP.
- Uploading freeze frames at the time of the event via email and/or FTP.
- Recording a video clip of the event so it is ready to distribute to authorities.
- Enabling a visual or audio notification (a flashing light, bell or siren).



HEN08101(X) / HEN16101(X)

www.asia.security.honeywell.com

8/16 CHANNEL 1080P H.264 PoE NETWORK VIDEO RECORDER

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
IP Camera Inputs	HEN08101(X) - 8 channels HEN16101(X) - 16 channels
Bi-directional Audio	1 channel input; 1 channel output; BNC
Display	
Interface	1 HDMI; 1 VGA
Resolution	1920 x 1080; 1280 x 1024; 1280 x 720;
Display Split	HEN08101(X): 1/4/8/9 HEN16101(X): 1/4/8/9/16
OSD	Camera title; Time; Video loss; Camera lock; Motion detection; Recording
Recording	
Compression	H.264/MJPEG
Resolution	1080p (1920 x 1080); 720p (1280 x 720); D1 (704 x 576 / 704 x 480); SXGA (800 x 600); 1.3 MP (1280 x 1024)
Recording Rate	HEN08101(X): 200/240 fps @ 1080p, (200 fps@1080p for PAL, 240 fps @ 1080p for NSTC) HEN16101(X): 400/480 fps @ 1080p, (400 fps @ 1080p for PAL, 480 fps @ 1080p for NSTC)
Bit Rate	1 to 8192 kbps
Recording Mode	Manual; Schedule (Regular [Continuous], Motion Detection, Alarm, Motion Detection+Alarm); Stop
Recording Interval	1 to 120 minutes (default: 60 minutes); Pre-recording: 1 to 30 seconds.
Video Detection and Alarms	
Trigger Events	Recording; Tour; Alarm; Email; FTP; Buzzer; Screen Tips
Video Detection	Motion Detection; Motion Detection Zones (396: 22 x 18); Video Loss and Camera Blank
Alarm Input	16 channels
Relay Output	3 channels
Playback and Backup	
Sync Playback	HEN08101(X): 1/4/9 HEN16101(X): 1/4/9/16
Search Mode	Time/Date; Alarm; Motion Detection; Exact Search (accurate to a second)
Playback Function	Play; Pause; Stop; Rewind; Fast play; Slow play; Full Screen; Backup
Backup Mode Compatibility	USB Device; Network

Network	
Operating System	Windows® XP; Windows Vista; Windows 7
CPU Requirements	Pentium M 2.16 GHz or Intel Core 2 Duo 2 GHz
System Memory	At least 2 GB
Network Card	RJ-45 (10/100 Base-T)
Web Browser	Microsoft Internet Explorer 6.0 or later; Mozilla Firefox®, Google Chrome
Supported Protocols	HTTP; TCP/IP; IPv4/IPv6; UPnP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP filter; PPPoE; DDNS; FTP; Alarm server; IP search
Maximum Number of Users	20 users
Smart Phone Compatibility	IOS; Android™
Storage	
Internal Storage	2 SATA ports; up to 8 TB; RAID (redundancy)
Connectors	
Ethernet	1 x RJ-45 port (10/100/1000 Mbps)
PoE	8 ports (IEEE802.3af)
USB	2 ports (1 on rear panel); USB 2.0
RS232	1 port, for PC communication and keyboard
RS485	1 port, for PTZ control (not supported at this time)
Environmental	
Operating Temperature	-10°C to 55°C
Storage Temperature	-20°C to 70°C
Humidity	10% to 90%
Physical	
Dimensions	14.8 x 11.2 x 2.0 inches (375 x 285 x 50 mm)
Weight (without HDD)	5.07 pounds (2.3 kg)
Physical	
Emissions	FCC Part 15B, CE EN55022
Immunity	CE EN50130-4
Safety	EU: EN60950-1 North America UL listed to UL/CSA 60950-1

* Actual bitrate is scene and motion dependent with H.264 stream.

** Some development might be required in specific user cases to support some of these protocols in the field as they mature over time.

HEN08101(X) / HEN16101(X)

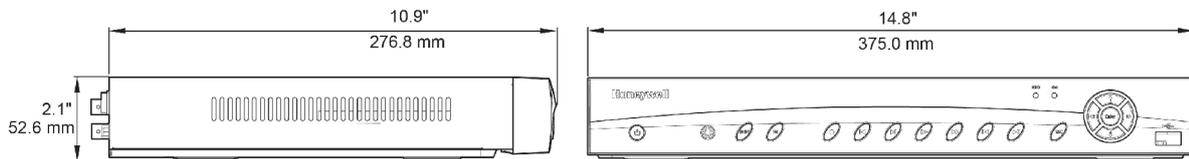
www.asia.security.honeywell.com

8/16 CHANNEL 1080P H.264 PoE NETWORK VIDEO RECORDER

ORDERING

Recommended Cameras	
IR Bullet Cameras	HBD2PR1; HBD2PR1X; HBD2PRV2; HBD2PRV2X
IR Dome Cameras	H2D2PR1; H2D2PR1X; H4D2PRV2; H4D2PRV2X

DIMENSIONS



ORDERING

HEN08101	8CH 1080P NVR, 2 HDDs, 1 1000M Port, 8 POE Ports, NTSC
HEN08101X	8CH 1080P NVR, 2 HDDs, 1 1000M Port, 8 POE Ports, PAL
HEN16101	16CH 1080P NVR, 2 HDDs, 1 1000M Port, 8 POE Ports, NTSC
HEN16101X	16CH 1080P NVR, 2 HDDs, 1 1000M Port, 8 POE Ports, PAL

For more information:

Security Asia Pacific Headquarters
Security Australia Sales Hotline
Security China Sales Hotline
Security Hong Kong
Security India

Tel: (86) 21 2219 6888
Tel: 1300 234 234
Tel: 400-8800-330
Tel: (852) 2405 2323
Tel: (91) 124 497 5000

Security Indonesia
Security Korea
Security Singapore
Security Taiwan
Security Thailand

Tel: (62 21) 536 52322
Tel: (82) 2 799 6114
Tel: (65) 6355 2828
Tel: (886) 2 2245 1000
Tel: (66) 2 693 3099

www.asia.security.honeywell.com
security.ap@honeywell.com

Honeywell Security Group
Automation & Control Solutions
Honeywell International Inc.
www.security.honeywell.com

Mar 2015
© 2015 Honeywell International Inc.

Honeywell