



# NVR8-8P8

## 8 Channel PoE Network Video Recorder



### Key Features:

- 8 Camera Capacity NVR
- 8x PoE ports and 1x Gigabit main LAN port
- 4K HDMI output and secondary VGA output
- 1x SATA Hard Drive Bay; 12TB each
- 8MP 4K Camera Resolutions Supported

## Product Overview

Infinity Network Video Recorders (NVRs) supported the latest H.265+ encoding technology, bringing high efficient video compression and maintaining quality. It saves network bandwidth and storage, whilst being energy-saving design to enhance the surveillance system. Any ONVIF compliant camera that supports this compression can be used in a 'plug n play' fashion.

## Features

### Built-in PoE

No need for auxiliary network switches, the NVR has its own PoE ports built in allowing data and power on a single cable. A dedicated Gigabit LAN port provides connectivity for PCs.

### Ample Storage

The NVR supports up to 12TB storage drives in its bay with full compatibility within the open market including Western Digital, Seagate and Hitachi.

### Smart Encode (H.265+)

Deliver high quality video without straining the network, Smart Encode H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

### HEVC (H.265)

H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include: Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity.

# Technical Specification

System	
Operating System	Embedded Linux
Camera Capacity	8
HDD Capacity	1
Storage Capacity	12TB per drive
Web Browser	IE8, IE9, IE10, IE11, Google Chrome (up to version 43), Firefox (up to version 53)
CMS Software	Infinity IMS
Cloud Support (P2P)	Yes
Smart Phone App	iOS / Android
Languages	Arabic, Bulgarian, Chinese, Czech, Dutch, English, Farsi, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Polish, Romanian, Russian, Spanish, Thai, Turkish
Recording & Playback	
Compressions	H.265+ / H.265 / H.264+ / H.264
Resolutions	12MP 4K & 8MP 4K 4096 x 2160; 5MP 2592 x 1944; 4MP 2688 x 1520; 3MP 2048 x 1536; 1080P 1920 x 1080; 1280 x 960; 720P 1280 x 720; VGA 640x 480
Video Analytics	Up to 4 channels
Recording Modes	Select from: Schedule, Manual, Motion Detection
Playback	1 cam / 4 cam / 9 cam
Search Modes	All, by Channel, Manual, by Time/Date, VMD, Face
Playback Functions	Play, Pause, Stop, Fast Play, Digital Zoom
Display	
No. of Outputs	2
HD Output 1	4K 3840 x 2160 / 1920 x 1080 / 1280 x 720
HD Output 2	N/A
VGA Output	Yes
VGA Resolutions	1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768
BNC Output	N/A
Display Type	Single Camera / Splitscreens
Display Splits	1 cam / 4 cam / 9 cam
Zoom	Digital
Digital Zoom	Yes
OSD Support	Yes
OSD Options	Camera Title, Camera ID, Time/Date, Recording, Motion Detection, Face Name/ID

Audio	
Compression/Rate	G.711u, G.711a, ADPCM_DVI4
Audio I/O	1 RCA input; 1x RCA Output (1kΩ) (mic in/audio out)
Network	
Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP
Internal Bandwidth	56Mbps
ONVIF Support	ONVIF 2 or later
PoE Support	Yes
PoE Ports	8x 802.3af; budget 48W
PoE Bandwidth	8x 100Mbps independent ports
Wi-Fi	N/A
Intelligence	
Detection	Video Motion Detection (VMD), Video Analytics
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1x Input / 1x Output
Alarm	8x Input / 1x Output
RS485	N/A
BNC Output	N/A
eSATA	N/A
USB	1 USB 3.0 , 1 USB 2.0
Electrical	
Power Supply	DC48V @ 1250mA
Power Consumption	<15W (without HDD or PoE)
Operating Temperature	Starting Temperature: -10°C ~ 55°C Working Temperature: -10°C ~ 55°C
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE / FCC
Casing	Metal
Dimensions	255mm x 237mm x 47.5mm
Net Weight	≤1000g (excluding HDDs)