

8 CHANNEL PoE NETWORK VIDEO RECORDER

HD-NVR-2108I-8P



- **8 CH NVR** – 60Mbps Incoming / 40Mbps Outgoing Bandwidth
- **Max Resolution** – 6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
- **Compression** – Smart H.265+ / H.265 / H.264+ / H.264
- **Video Output** – HDMI Upto 4K & VGA up to 1080P
- **Multi Display** – 1/2A/2B/3/4/5/6/7/8/9/10
- **Playback** – 4 CH Simultaneous Playback
- **Storage** – 1x SATA Up to 8TB HDD Capacity
- **AI by Camera** – Smart Alarm, Human/Vehicle Classification
- **PoE** – 8 Ports, 48W Budget (30W/Port)
- **Compatibility** – RTSP, CGI, SDK, P2P



8 CH NVR
MULTI RECORDING



8 MP MAX
RESOLUTION



1 SATA SLOT
UPTO 8TB



60 MBPS
40 MBPS
INCOMING/OUTGOING
BANDWIDTH



AI BY
CAMERA

SYSTEM OVERVIEW

8 Channel NVR supports up to 6MP high-resolution recording with efficient bandwidth and smart compression. With built-in PoE and dual HDMI/VGA output, it enables easy installation and flexible display options. Supports multi-channel playback for smooth live monitoring and recording performance. Offers wide compatibility with ONVIF, P2P, and multiple network protocols for seamless integration. AI by camera enables accurate human and vehicle detection for reliable surveillance.

ABOUT HIFOCUS

HI-FOCUS is a trusted leader in surveillance and networking solutions with more than a **Decade of experience** in CCTV Industry. We deliver innovative, reliable, and high-performance security products designed to meet global quality standards. Every HI-FOCUS product is engineered with precision and rigorously tested to ensure superior performance and customer satisfaction.



Design and specifications are subject to change without notice. Visit HiFocusCctv.com for the latest product information /specification.

Central Monitoring System

Monitor Multiple Locations from One Powerful Platform



ONVIF Compatibility

Supports ONVIF for easy integration with IP cameras and NVR



P2P Cloud Connectivity

Access your security system globally with unmatched ease and reliability.






Your Data. Secure. Stored in India.

Reliable Cloud Storage with Local Data Protection & High Security Standards

- Data Hosted in India
- Enhanced Privacy & Compliance
- Fast & Secure Access
- Connecting to the Cloud



Secure Your Surveillance Today

Instant Access to Your Security



Real-Time Live View



Remote Access Anywhere



Replay Important Evidence



Flexible HDMI & VGA Connectivity

High-resolution output for sharper, clearer images







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Video & Performance

Supports 8 channels with resolutions from 6MP to QCIF for flexible camera integration. Provides 60 Mbps incoming and 40 Mbps outgoing bandwidth for smooth operation. Delivers efficient preview and playback with strong multi-resolution decoding capability.

Network & Compatibility

Compatible with ONVIF (Profile S/T), CGI, SDK, and P2P. Supports protocols like IPv4/IPv6, RTSP, RTP, HTTP, and more. Accessible via web browsers and mobile apps on Android and iOS.

Recording & Playback

Supports scheduled and alarm-based recording modes. Playback features include instant replay, slow/fast motion, and digital zoom. Allows up to 4-channel simultaneous playback with USB backup support.

Storage & Interfaces

Supports 1 SATA HDD up to 8TB capacity. Includes USB ports, HDMI, VGA, and RJ-45 network interface. Ensures reliable connectivity for surveillance systems.

PoE Support

Equipped with 8 PoE ports for direct camera connectivity. Total PoE budget of 48W with up to 30W per port. Complies with IEEE 802.3af/at standards.



CORE FEATURES

Video and Audio

Channel	8
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/ UXGA/720P/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×8
Playback Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4
Compatibility	ONVIF(Profile S/T), CGI, SDK, P2P
HDMI Output	HDMI: 1024×768(60Hz), (720P) 1280×720(50Hz/60Hz), 1280×800 (60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
VGA Output	VGA: 1024×768(60Hz), (720P) 1280×720(50Hz/60Hz), 1280×800 (60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display	Simultaneous Output: VGA: 1/2/3/4/5/6/7/8/9 HDMI: 1/2/3/4/5/6/7/8/9

Compression Standard

Video Compression	Smart H.265+, H.265, Smart H.264+, H.264
Audio Compression	G711A, G711U, ADPCM_DIV4
Stream Type	Video, Video & Audio

Network

Network Protocol	ARP, DDNS, DHCP, DNS, Easy DDNS, HTTP, ICMP, IGMP, IPv4, IPv6, NTP, RTCP, RTP, RTSP, SSH, TCP, UDP, Unicast, UPnP
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Mobile Client

Android, iOS, P2P

System Compatibility

CGI, SDK, P2P

Web

IE10+, Firefox52+, Edge89+,
Safari11+, Chrome57+

Recording

Multi-channel Playback

Up to 4 channels

Record Mode

Alarm Recording,
Schedule Recording

Storage Method

Local HDD

Backup

USB storage device

Playback Function

Play/Pause/Stop/Slow/Speed/
Backwards 30s/Forwards 30s/
Full Screen/Backup
(Video Editing)/DigitalZoom

Alarm

General Alarm

Motion Detection, Mask Alarm,
Alarm Input(IPC)

Exception Notification

Video Loss, Network
Disconnected, No Disk, Illegal
Access, Disk Full,
Disk R/W Error, Recording
Abnormal, Abnormal found in
smart of disk, Abnormal
temperature of the disk, PoE
Overload, VoltageAlarm(IPC),
RTC Failure, IP Address Conflict,
MAC Address Conflict

Intelligent Analytics

AI by Camera

Smart Alarm, Human/
Vehicle Classification

Storage

Hard Disk Capacity

1×SATA interface , Up to 8 TB
capacity for each HDD



External Port

USB	2×USB2.0
HDMI	1×HDMI
VGA	1×VGA
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port

PoE

PoE Interface	8×RJ45, 10/100 Mbps self-adaptive Ethernet port
PoE Budget	48W
Power per PoE Port	30W
Standard	IEEE 802.3 af/at

General

Power Supply	DC48V
Power Consumption	<10W(without HDD&without PoE)
NetWeight	0.47kg
GrossWeight	0.89kg
Boundary Dimensions	200(L)200(W)43(H)mm
Package Dimensions	315(L)70(W)235(H)mm
Operating Temperature	-10°C~+55°C (+14°F~+131°F)
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	-20°C~+60°C (-4°F~+140°F)

Dimensions

