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 –** 1× 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.















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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.

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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
Moblie 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

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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)

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Dimensions



