4 CHANNEL PoE NETWORK VIDEO RECORDER

HD-NVR-2104I-4P

- **4CH 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 & VGA up to 1080P
- **Multi Display –** 1/2/3/4CH Split
- **Playback –** 4CH Simultaneous Playback
- **Storage –** 1×SATA, Up to 8TB HDD Capacity
- **AI by Camera –** Human & Vehicle Classification
- **PoE –** 4 Ports, 32W Budget (30W/Port)
- **Compatibility –** ONVIF (Profile S/T), CGI, SDK, P2P



4CH NVR MULTI RECORDING

6 MP MAX RESOLUTION

1 SATA SLOT UPTO 8TB

4 POE PORTS

AI BY CAMERA

SYSTEM OVERVIEW

Supports up to 4 Channels with 60Mbps bandwidth for smooth and reliable small-scale surveillance applications. Delivers clear imaging up to 6MP with efficient decoding for real-time preview and playback performance. Built-in PoE ports enable easy plug-and-play installation, reducing cabling complexity and deployment time. Smart AI features including human/vehicle classification ensure accurate detection and reduced false alarms. Compact and energy-efficient design with flexible storage support makes it ideal for homes and small businesses.

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 4 channels with resolutions from 6MP to QCIF for flexible camera integration. Delivers smooth performance with 60 Mbps incoming and 40 Mbps outgoing bandwidth. Ensures efficient live view, recording, and playback with strong decoding capability.

Network & Compatibility

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

Recording & Playback

Supports scheduled and alarm-based recording modes. Playback includes instant replay, slow/fast motion, and digital zoom. Allows up to 4-channel simultaneous playback for easy review.

Storage & Interfaces

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

PoE Support

Equipped with 4 PoE ports for direct camera connection. Total PoE budget of 32W with up to 30W per port. Complies with IEEE 802.3af/at standards.

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CORE FEATURES

Video and Audio

Channel	4
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)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4, 4CIF(30fps)×4
Playback Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4, 4CIF(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 HDMI: 1/2/3/4

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

Recording

Multi-channel Playback	Up to 4 channels
Record Mode	Alarm Recording, Schedule Recording
Storage Method	Local HDD
Playback Function	Play/Pause/Stop/Slow/Speed/ Backwards 30s/Forwards 30s/ Full Screen/Backup (Video Editing)/Digital Zoom

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, Voltage Alarm (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 6 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	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
PoE Budget	32W
Power per PoE Port	30W
Standard	IEEE 802.3 af/at

General

Power Supply	DC48V
Power Consumption	<10W(without HDD&without PoE)
NetWeight	0.44kg
GrossWeight	0.81kg
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



