

DHI-NVR4208H-8P

8 Channel 1U 8PoE H.264 Lite Network Video Recorder



- H.264 codec decoding
- Max 200Mbps Incoming Bandwidth
- Up to 6MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 8PoE ports
- Support ANR technology to enhance the storage reliability when the network break down



Functions

- !Up to 8 channel IP camera input
- !H.264/MJPEG dual codec decoding
- !Max 200Mbps incoming bandwidth
- !Up to 5Mp resolution preview&playback
- !HDMI/VGA simultaneous video output
- !8 channel synchronous realtime playback, GRID interface
- !Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- !ONVIF Version 2.3 conformance
- !3D intelligent positioning with Dahua PTZ camera
- !Support 2 SATA HDDs up to 8TB, 2 USB(1 USB3.0)
- !Support IPC UPnP,8PoE ports
- !Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

Technical Specification

System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	1080P(1920×1080) 720P(1280×720) / D1 (704×576/704×480)
Multi-screen Display	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	4 Channel
Alarm Output	2 Channel

Playback and Backup

Playback	1/4/9
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	2 SATA ports, up to 8TB
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (1 USB2.0, 1 USB3.0)
RS232	1 port, For PC communication&Keyboard
RS485	1 port, For PTZ control

Third-party Support

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
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Audio and Video

IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Compression	H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	48~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec Post-record: 10~300 sec

Network

Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	8 ports (IEEE802.3at/af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android Windows Phone
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	AC 100~240V, 50/60 Hz
Power Consumption	NVR: 60W(without HDD) PoE: Max.25.5W for single port

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	1U, 375mm×327.5mm×53mm (14.8" x 12.9" x2.1")
Net Weight	2.6kg (5.7lb) (without HDD)
Gross Weight	-10°C~+55°C / 10%~90%RH / 86~106kpa

Certifications

CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1