

NVR2108HS-8P-4KS2

8 Channel Compact 1U 8PoE Lite 4K H.265 Network Video Recorder



Functions

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

ANR (Automatic Network Replenishment Technology)

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieve the video data stored on the camera.

Easy4ip

The Easy4ip app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

System	
Main Processor	Dual-Core Embedded Processor
Operating System	Embedded LINUX
Audio and Video	
IP Camera Input	8 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	1Ch@8MP 30fps, 4Ch@1080P 30fps
Multi-screen Display	1/4/8/9
OSD	Camera Title, Time, Camera Lock, Motion Detection, Recording
Recording	
Compression	H.265/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/ 720P/ D1&etc.
Record Rate	80Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule(Regular(Continuous), MD, Stop
Record Interval	1~120 Min (Default: 60 Min), Pre-Record: 1~30 Sec, Post-Record: 10~300 Sec
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), and Tampering
Alarm Input	N/A
Relay Output	N/A
Playback and Backup	
Sync Playback	1/4
Search Mode	Time /Date, MD and Exact Search (Accurate to Second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Third-party Support	
Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
PoE	8 Ports (IEEE802.3at/af)
Network Function	HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS, IP Search (Support Dahua IP camera, DVR, NVS and etc.), SMTP, Easy4ip
Optical Fiber Interface	N/A
Max. User Access	128 Users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	1 SATA III Port, Up to 6TB Capacity for Each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	2 Ports (1 Rear USB2.0, 1 Front USB2.0)
RS232	N/A
RS485	N/A

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Electrical	
Power Supply	Single, DC48V/2A
Power Consumption	NVR: <5.8W (Without HDD)
	PoE: Max 25.5W for Single Port, 80W in Total
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(W×D×H)	Compact 1U, 260mm×224.9mm×47.6mm (10.2" x 8.9" x 1.9")
Net Weight	0.8kg (1.76 lb) (Without HDD)
Gross Weight	1.6kg(3.53 lb)(Without HDD)

Dimensions (mm)

