

DHI-NVR4104/4108HS-P-4KS2

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



- 4/8-channel IP video access
- Smart H.265+/Smart H.264+/H.265/H.264; H.265 auto switch
- · Max 80 Mbps incoming bandwidth
- Up to 8MP resolution for preview and playback
- · 8-channel decoding@1080p (30 fps)
- Al by Camera: Perimeter protection; SMD Plus; people counting; heat map
- · Support IPC UPnP, 4 PoE ports











Dahua's new NVR4000-4KS2 network video recorder delivers excellent performance and high recording quality that is ideally suitable for IP video surveillance applications. This professional NVR adopts powerful processor, providing the capability of 4K resolution processing for applications where image details are highly required. Additionally, the NVR can be served as edge storage, central storage or backup storage with an intuitive shortcut operation menu for remote management and control.

Series Overview

The NVR is compatible with numerous third-party devices, which make it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with 4K cameras.

Functions

Perimeter Protection by Camera

Automatically filters out false alarms caused by animals, rustling leaves, bright lights, and more. Enables system to act secondary recognition for the targets. Improving alarm accuracy.

SMD Plus by Camera

With intelligent algorithm, Dahua smart motion detection technology can categorize the targets that trigger motion detection and filter the motion detection alarm triggered by non-concerned targets to realize effective and accurate alarm.

People Counting by Camera

With deep learning algorithm, Dahua People Counting technology can track and process moving human body targets to realize the accurate statistics of enter No., leave No., and In Area No. Working with management platform, it outputs yearly/monthly/weekly/daily reports to meet your requirements.

Smart Codec

With advanced scene-adaptive rate control algorithm, Dahua smart codec technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

ANR (Automatic Network Replenishment Technology)

Video record in SD card in IP cameras when the network breaks down, and after the network recovered, the video will be transferred to device and then recorded in it.

DMSS

The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access back-end 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.

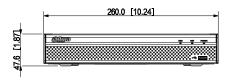
Technical Specification		Storage	
System		Disk Group	Yes
Main Processor	Industrial embedded micro-processor	Alarm	
Operating System	Embedded Linux	General Alarm	Motion detect alarm; IPC alar
Operation Interface Perimeter Protection by	Web; local GUI Camera	Anomaly Alarm	Camera offline conflict; MAC anomaly
Performance	4/8 channels	Intelligent Alarm	Perimeter pro
Al Search	Search for pictures by channel, time and event type	intelligent Alann	map Record; snaps
SMD Plus by Camera		Alarm Linkage	buzzer; log; pr
Performance	4/8 channels	External Port	
AI Search	Search by target classification (human, vehicle)	Audio Input	1 channel, RCA
Video		Audio Output	1 channel, RCA intercom outp
Access Channel	4/8	HDD	1 SATA III port, maximum HDI temperature
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 48 Mbps for forwarding	USB	1 front USB 2.0
Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1.3MP, 720p, D1, and more	HDMI	1
Decoding Capability	8 channels@1080p (30 fps)	VGA	1
Vide a Outrout	HDMI: 3840 × 2160; 1920 × 1080; 1280 × 1024;	Network	1 independent
Video Output	1280 × 720 VGA: 1920 × 1080; 1280 × 1024; 1280 × 720	PoE	4 ports (IEEE8)
Multi-screen Display	4-channel: 1/4 8-channel: 1/4/8/9	General Parameter	
Third Party Camera Access	Panasonic, Sony, Samsung, Axis, Pelco, Arecont, ONVIF, Canon and more	Power Supply	48V/1.5A DC
Compression	o.vvii) canon ana more	Power Consumption	NVR: < 7.5W (v PoE: Max 25.5
Video	Smart H.265+; Smart H.264+; H.265; H.264	Net Weight	0.8 kg (1.76 lb)
Audio	PCM; G.711A; G.711U; G.726	Gross Weight	1.6 kg (3.53 lb)
Network		Product Dimensions	260.0 mm × 23
	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP;	Package Dimensions	331 mm × 312
Network Protocol	Alarm Server; IP Search (supports Dahua IP camera, DVR, NVS, and more); P2P	Operating Temperature	-10°C to +55°C
Mobile Phone Access	Android; iOS	Storage Temperature	0°C to +40°C (-
Interoperability	ONVIF (profile T/S/G); CGI; SDK	Operating Humidity	10%-93% (RH)
Browser	Chrome; IE9 or later; Firefox	Storage Humidity	30%-85% (RH
Record Playback		Operating Altitude	3,000 m (9,84
Multi-channel Playback	4-channel: 1/4 8-channel: 1/4/9	Certifications	CE: EN55032; FCC: Part 15 S
Record Mode	Manual; schedule (general; MD; alarm; MD & alarm; intelligent)		UL: UL 60950-
Storage Method	Local HDD and network		
Backup	USB device		
Playback Function	Play; pause; stop; fast forward; fast backward; rewind; play by frame Full screen; backup (cut/file); partially enlarge; audio on/off		

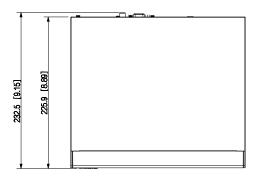
Disk Group	100
Alarm	
General Alarm	Motion detection; privacy masking; video loss; PIF alarm; IPC alarm
Anomaly Alarm	Camera offline; storage error; full storage; IP conflict; MAC conflict; login lock; network security anomaly
Intelligent Alarm	Perimeter protection; SMD; people counting; hear map
Alarm Linkage	Record; snapshot; IPC external alarm output; buzzer; log; preset; email
External Port	
Audio Input	1 channel, RCA connector
Audio Output	1 channel, RCA connector, which support voice intercom output
HDD	1 SATA III port, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
USB	1 front USB 2.0 port, 1 rear USB 3.0 port
HDMI	1
VGA	1
Network	1 independent 100 Mbps ethernet port
PoE	4 ports (IEEE802.3at/af)
General Parameter	
Power Supply	48V/1.5A DC
Power Consumption	NVR: < 7.5W (without HDD) PoE: Max 25.5W for single port, 48W in total
Net Weight	0.8 kg (1.76 lb) (without HDD)
Gross Weight	1.6 kg (3.53 lb) (without HDD)
Product Dimensions	260.0 mm × 232.5 mm × 47.6 mm (10.2" × 9.2" × 1.9")
Package Dimensions	331 mm × 312 mm × 87 mm (13.0" × 12.3" × 3.4")
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Storage Temperature	0°C to +40°C (+32°F to +104°F)
Operating Humidity	10%-93% (RH)
Storage Humidity	30%-85% (RH)
Operating Altitude	3,000 m (9,843 ft)
Certifications	CE: EN55032; EN55024; EN50130-4; EN60950-1 FCC: Part 15 Subpart B; ANSI C63.4-2014 UL: UL 60950-1

Pro Series | DHI-NVR4104/4108HS-P-4KS2

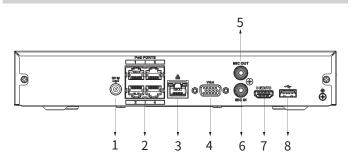
Ordering Information				
Туре	Model	Description		
4 Channel NVR	DHI-NVR4104HS- P-4KS2	4 Channel Compact 1U 4PoE 4K & H.265 Lite Network Video Recorder		
8 Channel NVR	DHI-NVR4108HS- P-4KS2	8 Channel Compact 1U 4PoE 4K & H.265 Lite Network Video Recorder		

Dimensions (mm[inch])





Panels



- Power Input 2 PoE Ports

 Network Port 4 VGA Port
- 5 AUDIO OUT, RCA Connector 6 AUDIO IN, RCA Connector
- 7 HDMI Port 8 USB Port