

DHI-NVR2108HS-8P-4KS2

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



- Smart H.265+/Smart H.264+/H.265/H.264
- Max 80Mbps incoming bandwidth
- Up to 8Mp resolution preview&playback
- · Up to 1ch@8MP/4ch@1080P decoding
- HDMI/VGA simultaneous video output
- · Support IPC UPnP, 8PoE ports











Series Overview

Dahua NVR2000-4KS2 is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions.

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

Functions

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.

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.

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.



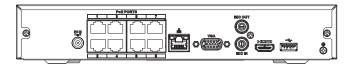
Specimentation Spe	- 1 1 10 10 11				
Main Processor	Technical Specification		Third-party Support	Third-party Support	
Network			Third-party Support	Onvif, RTSP	
Interface 1	Main Processor	·	Network		
Poc Americ Imput		Embedded LINUX	Interface	1 RJ-45 port (10/100/1000Mbps)	
Network Function	Audio and Video		PoE	8 ports (IEEE802.3at/af)	
	IP Camera Input	8 Channel			
Max. User Access	Two-way Talk	1 Channel Input, 1 Channel Output, RCA	Network Function		
Resolution	Display		Optical Fiber Interface	N/A	
Page	Interface	1 HDMI, 1 VGA	Max. User Access	128 users	
Decoding Capacity	Resolution		Smart Phone	iPhone, iPad, Android	
Decoding Capacity 1		VGA: 1920×1080, 1280×1024, 1280×720	Interoperability	ONVIF 2.4, SDK, CGI	
SATA II port, up to 10 T8 for a single HDD. The maximum HDD capacity varies with environment temperature memberature temperature environment temperature environment temperature environment temperature expension. HDD Mode Single	Decoding Capacity	1ch@8MP 30fps, 4ch@1080P 30fps	Storage	Storage	
Recording Record Rate Resolution Remainship Record Rate Record R			Internal HDD	maximum HDD capacity varies with environment	
Compression Smart H.265+/H.264-/H.264 Auxiliary Interface	OSD		HDD Mode	Single	
Resolution 8MP/6MP/SMP/4MP/3MP/1080P/720P/D1&etc. Record Rate 80Mbps Bit Rate 16Kbps ~ 20Mbps Per Channel Record Mode Manual, Schedule (Continuous, MD (Motion Detection), Alarm, IVS) Video Detection and Alarm Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips Video Detection MD Zones: 396 (22 x 18), and Tampering Alarm input N/A Alarm input N/A Playback and Backup Playback Function Play Pause, Stop, Revind, Fast play, Slow Play, Next Fiel, Prevous Fiel, Rext Carmera, Previous	Recording		eSATA	N/A	
Record Rate 80Mbps RS232 N/A Bit Rate 16Kbps ~ 20Mbps Per Channel Electrical Record Mode 16Kbps ~ 20Mbps Per Channel Record Mode Detection, Alarm, IVS) Power Supply Single, DC48V/2A Record Interval 1-120 min (default: 60 min), Pre-record: 1-30 sec, Post-record: 10-300 sec Post-record: 10-300 sec Video Detection and Alarm Video Detection and Alarm Motion Detection, MD Zones: 396 (22 × 18), and Tampering Alarm input N/A Alarm input N/A Relay Output N/A Relay Output N/A Playback and Backup Sync Playback 1/4 Search Mode Time / Oate, MD and Exact Search (accurate to second) Playback Function Playback Function Playback Function Playback Node USB Device/Network RS232 N/A RS232 N/A RS232 N/A RS485 N/A Fleetrical Power Supply Single, DC48V/2A Electrical Power Supply Single, DC48V/2A Electrical Power Supply Single, DC48V/2A Fleetrical Fleetrical Fleetrical Power Supply Single, DC48V/2A Fleetrical Fleetri	Compression	Smart H.265+/H.265/Smart H.264+/H.264	Auxiliary Interface		
Record Rate 80Mbps RS485 N/A Bit Rate 16Kbps ~ 20Mbps Per Channel Electrical Record Mode Manual, Schedule (Continuous, MD (Motion Detection), Alarm, IVS) Power Supply Single, DC48W/2A Record Interval 1*20 min (default: 60 min), Pre-record: 1*30 sec, Post-record: 10*300 sec Power Consumption Poe: Max 25.5w for single port, 80w in total Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips Operating Conditions 10*C to +55*C (+14*F to +131*F), 86–106kpa Alarm input N/A Construction Relay Output N/A Dimensions(WxDxH) Compact 1U, 260 mm x 224.9 mm x 47.6 mm (10.2* x 8.9* x 1.9*) Playback and Backup 1/4 Gross Weight 1.6 kg (3.53 lb) (without HDD) Sync Playback Playback Function Play Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, File Screen, Shuffle, Backup Selection, Digital Zoom File Scott Part 15 Subpart B, ANSI C63.4-2014 Backup Mode USB Device/Network USB Device/Network Part 15 Subpart B, ANSI C63.4-2014 Backup Mode USB Device/Network Playback USB Device/Network Playback Function Poet Continuous, MD (Motion Devention) Power Consumption Power Consumption Power Consumption Power Consumption Poet Max 25.5w for single port, 80w in total Electrical Electrical NVR: < 5.8W (without HDD) Poet Max 25.5w for single port, 80w in total Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmental Environmenta	Resolution	8MP/6MP/5MP/4MP/3MP/1080P/ 720P/ D1&etc.	USB	2 ports (1 Rear USB2.0, 1 Front USB2.0)	
Bit Rate 16Kbps ~ 20Mbps Per Channel Record Mode Manual, Schedule (Continuous, MD (Motion Detection), Alarm, IVS) Power Supply Single, DC48V/2A Record Interval 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec Power Consumption NVR; <5.8W (without HDD)	Record Rate	80Mbps	RS232	N/A	
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Record Interval 21-120 min (default: 60 min), Pre-record: 11-30 sec, Post-record: 10-300 sec Post-reco			Electrical	Electrical	
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Video Detection and Alarm PoE: Max 25.5w for single port, 80w in total Trigger Events Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips Environmental Video Detection Motion Detection, MD Zones: 396 (22 × 18), and Tampering Operating Conditions -10°C to +55°C (+14°F to +131°F), 86–106kpa Alarm input N/A Storage Conditions 0°C to +40°C (+32°F to +104°F), 30–85% RH Relay Output N/A Dimensions(W×D×H) Compact 1U, 260 mm × 224.9 mm × 47.6 mm (10.2" × 8.9" × 1.9") Playback and Backup Net Weight 0.8 kg (1.76 lb) (without HDD) Sync Playback 1/4 Gross Weight 1.6 kg (3.53 lb) (without HDD) Search Mode Time / Date, MD and Exact Search (accurate to second) Certifications Play, Pause, Stop, Rewind, Fast play, Slow Play, Next Elle, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom Full Screen, Shuffle, Backup Selec	Record Interval		Power Consumption	NVR: <5.8W (without HDD)	
Video Detection Motion Detection, MD Zones: 396 (22 × 18), and Tampering Storage Conditions Operating Condi	Video Detection and Alarm		Tower consumption	PoE: Max 25.5w for single port, 80w in total	
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Playback and Backup Sync Playback 1/4 Gross Weight Certifications Playback Function Playback Function Playback Function Dimensions(W×D×H) Net Weight O.8 kg (1.76 lb) (without HDD) Gross Weight Certifications Certifications CE EN55032, EN55024, EN50130-4, EN60950-1 FCC Part 15 Subpart B, ANSI C63.4-2014	, and an angular		Construction		
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Playback Function File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom FCC Part 15 Subpart B, ANSI C63.4-2014 Backup Mode USB Device/Network	Search Mode		Certifications		
Backup Mode USB Device/Network FCC Part 15 Subpart B, ANSI C63.4-2014	Playback Function	File, Previous File, Next Camera, Previous Camera,	CE	EN55032, EN55024, EN50130-4, EN60950-1	
	Packup Mode		FCC	Part 15 Subpart B, ANSI C63.4-2014	
	Баскир Мойе	OSD DEVICE/ NELWOLK	UL	UL60950-1	



Lite Series | DHI-NVR2108HS-8P-4KS2

Ordering Information				
Туре	Part Number	Description		
8 Channel NVR	DHI-NVR2108HS-8P-4KS2	8 Channel Compact 1U 8PoE Lite 4K H.265 Network Video Recorder		
Accessories	N/A	N/A		

Rear Panel



Dimensions (mm)

