

# DHI-NVR4108HS-8P-4KS2/L

8 Channel Compact 1HDD 1U 8PoE Network Video Recorder



#### **Series Overview**

Dahua NVR4000-4KS2/L is introduced as the Lite series NVR that supports for 4K and H.265 encoding technology with excellent performance at an affordable price. For applications where image details are highly required, it delivers the capability of 4K resolution processing. The NVR can be served as edge storage, central storage or backup storage with an intuitive shortcut operation menu for remote management and control.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, 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 Profile S, T, G protocol, enabling interoperability with IP cameras.

#### **Functions**

## Perimeter Protection by Camera

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

## **Face Detection by Camera**

Face detection is to detect if there is any human face appearing in the video. This technology adopts a deep learning algorithm to support face detection, tracking, optimization and capturing, and then output the best face snapshot.

## **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.

- New 4.0 user interface, Security baseline 2.1
- H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- · Supports mainstream cameras of ONVIF and RTSP protocols
- · P2P remote surveillance, video play on mobile device
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- Al by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD
- Supports remote configuration and management of IPC, such as set ting parameters, getting information, and upgrading IPC of the same model in batches











### **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.

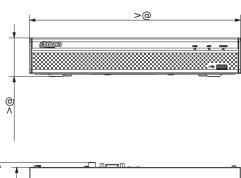
#### **DMSS**

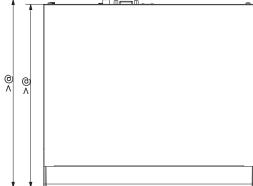
The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access back-end devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

System  Main Processor  Industrial-grade embedded processor  Storage  Storage  Storage  Storage  Storage  Storage  Disk Group  Yes  Alarm  Alarm  Performance  8 channels  Asserth Search for pictures by channel, time and event type  Performance  4 channels  Asserth Search for pictures by channel, time and event type  Performance  4 channels  Asserth Search for pictures by channel, time and event type  Performance  4 channels  Asserth Search for pictures by channel, time and event type  Performance  4 channels  Asserth Search for pictures by channel, time and face attributes  Alsearch Search for pictures by channel, time and face attributes  Alsearch Search for pictures by channel, time and face attributes  Alsearch Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch Alsearch Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch  Alsearch Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch  Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch  Search for pictures by channel, time and face attributes  Maler Linkage  Alsearch  Search by target classification (human, vehicle)  Video  Video  Video  Search by target classification (human, vehicle)  Video  Search by target classification (human, vehicle)  USS  2 (1 is front USS2.0; 1 is back USS2.0;	Technical Specificat	ion		
Main Processor  Storage  Storage  Operation Interface  Web/speciating in local GUI  Perimeter Protection by Camera  8 channels  6 dathbares Gender, ago, glasses, especiation, mouth mask, and beard m	•	ion	Playback Function	Play/pause/stop/slow/quick/backward     Full screen, backup (video clip/file), pages and audio on loff
Storage  Storage  Storage  Periometer Protection by Camera  Performance  8 channels  Alsearch  Search for pictures by channel, time and event type  Face Detection by Camera  Performance  4 channels  Alsearch  Search for pictures by channel, time and event type  Face Detection by Camera  Performance  4 channels  Access detailed and the search of pictures by channel, time and event type  Face Detection by Camera  Performance  5 attributes Gender, age, glasses, expression, mouth marks, and beard  Alsearch  Search for pictures by channel, time and face attributes  SMD Plus by Camera  Performance  8 channels  Alsearch  Search by target classification (human, vehicle)  Video  Access Channel  8  Network Bradwidth  Access: 201 Mbps; Storage: 80 Mbps; Forward 90 Mbps  Resolution  8MP; 6MP; 5MP; 4MP; 3MP; 1000; 730p; D1  Percoling Capability  8 × 1800p@30 lps  Video  Compression  Video  Compression  Video  Smart H 266/H 266/Smart H 264/H 264/H0IPEG  Audio  Product Dimensions  Product Dimensions  Access  Androad, US  Network  HTTP; HTTP; TCP/IP; IP-4/IPE; UPIP; SMDP; FIF; Alarm  Mobile Phone Access  Androad, US  Interoperability  ONYE; Portion only 100 more pictures of the p	•	Industrial-grade embedded processor		and addio on/on
Decoration interface Web/eperating in local GUI Perrimeter Protection by Camera  8 channels Alsearch Search for pictures by channel, time and event type Face Detection by Camera  Alsearch Alsearch Search for pictures by channel, time and event type Face Detection by Camera  Performance A channels Alsearch Search for pictures by channel, time and event type Face Attributes  6 attributes: 8 cannels Alsearch Search for pictures by channel, time and face attributes SMD Plus by Camera  Performance 8 channels Alsearch Search by target desistification (human, vehicle) Video  Video  Video  Video  Access Channel 8 Network Randwidth Access 20 Mbps, Storages 80 Mbps, Forward 60 Mbps Resolution 8 MpP 6MP; 5MP; 4MP; 3MP; 1000p; 700p; D1 Performance  A search Search Subject of the search storage of the sear		·	Storage	
Performance 8 channels  Alsearch Search protection by Camera  Performance 8 channels  Alsearch Search projectures by channel, time and event type  Face Detection by Camera  Performance 4 channels  As distributes: Gender, age, glasses, expression, mouth mask, and beard  Alsearch Search for pictures by channel, time and face attributes  Alsearch Search for pictures by channel, time and face attributes  SMD Plus by Camera  Performance 8 channels  Malfor Diput by Camera  Performance 8 channels  Malfor Diput by Camera  Performance 8 channels  Search for pictures by channel, time and face attributes  MID Plus by Camera  Performance 8 channels  Search for pictures by channel, time and face attributes  MID Plus by Camera  Performance 8 channels  Search by target classification (puman, vehicle)  Video  Access Channel 8  Network Bandwidth Access: 280 Mbps; Storage: 80 Mbps; Forward: 60 Mbps  Nesolution 8MP; 6MP; 6MP; 6MP; 6MP; MmP; 1000; 700; D1  Pecoding Capability 8 × 10809@30 fps  Video 0utput 1. x MA output, 1 x HDMI output, supports simultaneous wideo sources output for VotA and HDMI  Multi-screen Display 1, 4, 8, 9 views  ONVIF; RTSP  Compression  Video Smart H,265/H,265/Smart H,264/H,264/MJPFG  Audio Phone Access Android; IOS  ONVIF; RTSP  Network Protocol  Product Dimensions  Mobile Phone Access Android; IOS  ONVIF; STDP, IPP-4/IPPG, UPPh; SMMP; RTSP, UPP; SMMP;			Disk Group	Yes
Performance 8 channels Al Search Search for pictures by channel, time and event type Face Detection by Camera Performance 4 channels G attributes G Albert G G G G G G G G G G G G G G G G G G G	•		Alarm	
Aspect Search for pictures by channel, time and event type Face Detection by Camera  Performance 4 channels Face Attributes 6 artifitudes: Gender, age, glasses, expression, mouth mask, and bearing mask, and bea		·	General Alarm	Motion detection, privacy masking, vide changing, PIR alarm, IPC external alarm
As Search Search or pictures by channel, time and event type Face Detection by Camera  4 channels Face Attributes  5 attributes: Gender, age, glasses, expression, mouth mask, and beard  Alsearch Search for pictures by channel, time and face attributes  SMD Plus by Camera  Performance  8 channels  Alsearch Search prictures by channel, time and face attributes  SMD Plus by Camera  Performance  8 channels  Al Search Search by target classification (human, vehicle)  Video  Access Channel  8 Network Bandwidth Access Bild Mips, Storage Bild Mips, Forward: 60 Mips Resolution  8 MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1  Decoding Capability  1 x RCA output  1 x RCA output	Performance	8 channels	Anomaly Alarm	Camera disconnection, storage error, dis
Performance 4 channels Face Attributes 6 attributes 7 and beard 7 attributes 7 attr	AI Search	Search for pictures by channel, time and event type	7 mornary 7 marrin	
Performance 4 channels  Face Attributes 6 attributes 5 dender, age, glasses, expression, mouth mask, and beard  Al Search Search for pictures by channel, time and face attributes  SMD Plus by Camera  Performance 8 channels  Al Search Search by target classification (human, vehicle)  Video  Video  Video  Access 20 Mbps, Storage 80 Mbps, Forward: 60 Mbps  Resolution 8 MP, 6MP, 5MP, 4MP, 3MP, 1080p; 720p, D1  Decoding Capability 8 1880p@30 fps  1 x 180 attributes 6 with entire perature  Video Output 1 x Video output, 1 x HDM output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display 1, 4, 8, 9 views  Compression  Video Smart H.265/H.265/Smart H.264/H.264/MJPEG  Audio PCM/S711A/G711U/G726/AAC  Network  Network Protocol  PCM/S711A/G711U/G726/AAC  Network  Network Protocol  Network Protocol  Notification PCM/S711A/G711U/G726/AAC  Network Chrome; IE9 or later; firefox  Record Playback  Multi-channel Playback  Local HDD; network  Alarm Unkage  External Port  Later and Inches Recording, SMD recording; smart recording; SMD recording; smart recording; SMD recording; smart recording smart recording smart recording; SMD recording; smart recording smart r	Face Detection by Camera		Intelligent Alarm	tripwire), IVS, people counting, heat ma
Face Attributes  6 attributes: Gender, age, glasses, expression, mouth man, and beard  Al Search  Search Search for pictures by channel, time and face attributes  SMD Plus by Camera  Performance  8 channels  Al Search  Search by target classification (human, vehicle)  Video  Video  Video  Access Ro Mideo, Storage: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps  Resolution  8 MF, 6MF, 5MP, 4MP, 3MP; 1080p; 720p, D1  Decoding Capability  8 x 1080p@30 fps  Video Output  1 x VGA output, 1 x HDMI output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display  1, 4, 8, 9 views  Compression  Video  Smart H, 265/H, 265/Smart H, 264/H, 264/MJPEG  Audio  PCM/G721x/G7111/G726/AAC  Network  Network  Network Protocol  USS  2 (1 x front USS2, 0; 1 x back USS2, 0)  HDMI  1 (supports up to 4K resolution output VGA  1 x RCA output  1 x GA output  1 x GA output, 1 x Hobit output, supports simultaneous video sources output for VGA and HDMI  Network  1 x RL-45, 10/100 Mbps self-adaptive is General Parameter  Multi-screen Display  1, 4, 8, 9 views  Power Consumption  Total output power of Poil as 127W, the power of a single port is 25 5W  Net Weight  0,92 kg (2,03 lb)  Video  Smart H, 265/H, 265/Smart H, 264/H, 264/MJPEG  Audio  PCM/G721x/G7111/G726/AAC  Network  Network  Network Protocol  USS  Andrio imput  1 x RCA output  1 x RCA o	Performance	4 channels		
Alsearch Search of pictures by channel, time and face attributes  SMD Plus by Camera  8 channels Al Search Search pt target classification (human, vehicle)  Video  Access Channel 8 Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution  BMP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1  Decoding Capability 8 x 1080pe 80 fps Video Output 1 x 9KA output, 1 x HDMI output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display 1, 4, 8, 9 views  OnWiF; RTSP  Compression  Video  Smart H 265/H 265/Smart H 264/H 264/MJPEG  Audio PCM/G711A/G711L/G726/AAC  Network  HTTP; HTTPs; TCP/IP; IPvA/IPv6; UPnP; SNMP; RTSP, URC yes, ucc, P2P; auto register  Mobile Phone Access Androids: 105  Record Playback  Multi-channel Playback  Multi-channel Playback  Manual record; alarm recording: 5MD recording: smart recording  Storage  Local HDD; network  Audio Output 1 x RCA output 1 (yas Capability and the temperature of the sainth maximum HDD capacity varies withen temperature 1 (yas Capability and the temperature) 1 (yas Capability and the temperature) 1 (yas Capability and the temperature) 1 (yas Capability and the sainth H 264/H 264/MJPEG 2 (yas NP) 2 (yas Capability and H 265/H 265/Smart H 264/H 264/MJPEG 3 (yas V 24/18 A	Face Attributes		Alarm Linkage	
Performance 8 channels Audio Output 1 x RCA output	Al Search	Search for pictures by channel, time and face attributes	External Port	
Performance 8 channels Audio Output 1 × RCA output 1  Audio Output 1 × RCA output 1  I (supports up to 4 K resolution output  VGA 1  I × RL 45, 10/100 Mbps self-adaptive 8  POE  8  General Parameter  Power Supply  Doc48 V/53 V, 2A/1.8 A  I × RL 45, 10/100 Mbps self-adaptive 8  PoE  9 Power Consumption  Total output power of PoE is 72W, the power of a single pot 1 is 24.5 the power 2  I v W Height  O 92 kg (2.03 lb)  Net Weight  O 92 kg (2.03 lb)  Product Dimensions  I v M x + x + x + x + x + x + x + x + x + x	SMD Plus by Camera	9	Audio Input	1 × RCA input
Access Channel 8 Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1 Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1 Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 1 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 2 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 3 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 3 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 3 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 4 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 5 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 7 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 7 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 8 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for VGA and HDMI Network 9 × RJ-45, 10/100 Mbps self-adaptive for	•		Audio Output	1 × RCA output
Access Channel 8 Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1 Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1 Network 1 × RJ-45, 10/100 Mbps self-adaptive E Network 1 × RJ-45, 10/100 Mbps self-adaptive E POE 8  Network 1 × RJ-45, 10/100 Mbps self-adaptive E POE 8  Record Playback Multi-screen Display 1, 4, 8, 9 views ONVIF; RTSP ONVIF; RTSP; DIPC; PVA/IPV6; UPPP, SNMP; RTSP; UPP, SNMP; RTSP; DIPC; RNS; Pietrer, DONS; RTP; Alarm Server; P Search (Support Dalva IP camera; DVR; NVS; etc.), P2P; auto register  Mobile Phone Access Android; IOS ONVIF[profile T/S/G); CGI; SDK  Browser Chrome; IE9 or later; firefox  Record Playback Multi-channel Playback Multi-channel Playback  Multi-channel Playback Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording Storage Local HDD; network		Search by target classification (human, vehicle)	HDD	1 SATA III ports, up to 10 TB for a single maximum HDD capacity varies with envitemperature
Network Bandwidth Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps Resolution  8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1  Decoding Capability  8 × 1080p@30 fps Video Output  \$\frac{1}{2} \times \frac{1}{2} \times 1	Video		USB	
Resolution 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1  Decoding Capability 8 × 1080ep@30 fps Video Output 1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display 1, 4, 8, 9 views  ONVIF; RTSP  Compression  Video Smart H.265/H.265/Smart H.264/H.264/MJPEG  Audio PCM/G711A/G711U/G726/AAC  Network  HTTP; HTTPS; TCP/P; IPvA/IPv6; UPnP; SNMP; RTSP; UDP; SNMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm serve; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access  Android; iOS  Record Playback  Multi-channel Playback  Manual recording  Storage  Local HDD; network  Video  Manual recording: SMD recording; SMD recording; Smart recording; Smart recording; SMD recording; SMD recording; Smart recording; SMD recording; SMD recording; SMD recording; SMD recording; Smart recording; SMD recording; SMD recording; SMD recording; Smart recording; SMD recording; SMD recording; Smart recording; SMD	Access Channel	8	HDMI	1 (supports up to 4K resolution output)
Decoding Capability  8 × 1080p@30 fps  1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display  1, 4, 8, 9 views  ONVIF; RTSP  ONVIF; RTSP  ONVIF; RTSP  ONVIF; RTSP  ONVIF; RTSP  OPWER Consumption  Net Weight  O.92 kg (2.03 lb)  O.92 kg (2.03 lb)  O.92 kg (2.03 lb)  Net Work  Network  Network  Network  Network Protocol  Mobile Phone Access  Android; OS  Interoperability  ONVIF; profile T/S/G); CGI; SDK  Browser  Chrome; IE9 or later; firefox  Multi-channel Playback  Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording; SMD recording; smart recording  Storage  Local HDD; network  POE  8  ORNEROR  Seneral Parameter  Power Supply  DC48 V/53 V, 2A/1.8 A  4 10 W (HDD not included, idling)  Total output power of PoE is 72W, the power of a single port is 25.5W  Net Weight  0.92 kg (2.03 lb)  Net Weight  0.92 kg (2.03 lb)  O.92 kg (2.03 lb)  O.92 kg (2.03 lb)  Net Weight  0.92 kg (2.03 lb)  O.92 kg (4.56 lb)  O.92 kg (2.03 lb)  O.92 kg (2.0	Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps	VGA	1
Decoding Capability  8 × 1080p@30 fps  Video Output  1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI  Multi-screen Display  1, 4, 8, 9 views  Power Supply  DC48 V/53 V, 2A/1.8 A  10 W (HDD not included, idling) Total output prower of PoE is 72W, the power of a single port is 25.5W  Net Weight  0, 92 kg (2.03 lb)  Cross Weight  2.07 kg (4.56 lb)  Product Dimensions  Network  HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Serve; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P, autor register  Mobile Phone Access  Android; IOS  Interoperability  ONVIF(profile T/S/G); CGI; SDK  Browser  Chrome; IE9 or later; firefox  Multi-channel Playback  Multi-channel Playback  Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording  Storage  Local HDD; network	Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1	Network	1 × RJ-45, 10/100 Mbps self-adaptive Et
I x VGA output, 1 x HDMI output, supports simultaneous video sources output for VGA and HDMI	Decoding Capability	8 × 1080p@30 fps		
Third-party Camera Access ONVIF; RTSP ONVIF; RTSP Power Consumption  Video Smart H.265/H.265/Smart H.264/H.264/MJPEG Audio PCM/G711A/G711U/G726/AAC Network  HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; iOS  Browser Chrome; IE9 or later; firefox Record Playback Multi-channel Playback Up to 8 channels for playback Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording Storage Local HDD; network  Video Smart H.265/H.265/Smart H.264/H.264/MJPEG Net Weight O.92 kg (2.03 lb) O.92 kg (2.03 lb)  Video O.92 kg (2.03 lb)  Volt (2.07 kg (4.56 lb)  Product Dimensions  260 mm × 232.5 mm × 50.3 mm (10.24 (W × L × H))  Package Dimensions  117 mm × 373 mm × 307 mm (4.61" × (W × L × H))  Operating Conditions O °C to +40 °C (32 °F to 104 °F)  Storage Conditions O °C to +40 °C (32 °F to 104 °F)  Operating Humidity 10%~93%  Storage Humidity 30%~85%  Operating Altitude Installation Desktop mounted  CE: EN62368-1; EN55032, EN55024, EN 3-2, EN51003-3 EN50130-4 FCC: Part 15 Subpart B  Storage Local HDD; network	Video Output			
Access ONVIF; RTSP Power Consumption Total output power of PoE is 72W, the power of a single port is 25.5W Power Consumption Net Weight 0.92 kg (2.03 lb)  Net Weight 0.92 kg (2.03 lb)  Audio PCM/G711A/G711U/G726/AAC Product Dimensions 26.0 mm × 232.5 mm × 50.3 mm (10.24 (W × L × H))  Network  Network  HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP, SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Serve; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; IOS Operating Conditions 0°C to +40°C (32°F to 104°F)  Mobile Phone Access Chrome; IE9 or later; firefox  Record Playback  Multi-channel Playback  Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording  Storage Local HDD; network	Multi-screen Display	1, 4, 8, 9 views	Power Supply	DC48 V/53 V, 2A/1.8 A
Video Smart H.265/H.265/Smart H.264/H.264/MJPEG Gross Weight 2.07 kg (4.56 lb)  Audio PCM/G711A/G711U/G726/AAC  Network  Network  HTTP; HTTP; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; iOS  Interoperability ONVIF(profile T/S/G); CGI; SDK  Browser Chrome; IE9 or later; firefox  Multi-channel Playback  Multi-channel Playback Up to 8 channels for playback  Manual record; alarm recording; SMD recording; smart recording  Storage Local HDD; network  Manual record; alarm recording; SMD recording; smart recording  Storage Local HDD; network		ONVIF; RTSP	Power Consumption	Total output power of PoE is 72W, the r
Audio  PCM/G711A/G711U/G726/AAC  Network  Network  HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; iOS  Interoperability ONVIF(profile T/S/G); CGI; SDK  Browser Chrome; IE9 or later; firefox  Multi-channel Playback  Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording  Storage  Local HDD; network  Gross Weight 2.07 kg (4.56 lb)  Product Dimensions 260 mm × 232.5 mm × 50.3 mm (10.24 (W × L × H))  Operating Conditions -10 °C to +55 °C (+10 °F to +131 °F)  Storage Conditions 0 °C to +40 °C (32 °F to 104 °F)  Operating Humidity 10%~93%  Storage Humidity 30%~85%  Operating Altitude 3000 m (9842.52 ft)  Installation Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B	Compression		Net Weight	0.92 kg (2.03 lb)
Network    Network   HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register    Mobile Phone Access   Android; iOS   Onvir (profile T/s/G); CGI; SDK	Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG	Gross Weight	2.07 kg (4.56 lb)
Network Protocol  HTTP; HTTPs; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; iOS  Onvif(profile T/S/G); CGI; SDK  Browser  Chrome; IE9 or later; firefox  Multi-channel Playback Multi-channel Playback  We L × H)  Package Dimensions  117 mm × 373 mm × 307 mm (4.61" × (W × L × H))  Operating Conditions  -10 °C to +55 °C (+10 °F to +131 °F)  Storage Conditions  0 °C to +40 °C (32 °F to 104 °F)  Operating Humidity  10%~93%  Storage Humidity  30%~85%  Operating Altitude  John (9842.52 ft)  Installation  Desktop mounted  CE: EN62368-1; EN55032, EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B  Storage  Local HDD; network		PCM/G711A/G711U/G726/AAC	Product Dimensions	260 mm × 232.5 mm × 50.3 mm (10.24" (W × L × H)
Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register  Mobile Phone Access Android; iOS  Interoperability ONVIF(profile T/S/G); CGI; SDK  Browser Chrome; IE9 or later; firefox  Multi-channel Playback Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording  Storage  Operating Conditions  0 °C to +40 °C (32 °F to 104 °F)  Operating Humidity 10%~93%  Storage Humidity 30%~85%  Operating Altitude 3000 m (9842.52 ft)  Installation Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B  Storage  Local HDD; network	INCLWOIN		Package Dimensions	117 mm $\times$ 373 mm $\times$ 307 mm (4.61" $\times$ 14 (W $\times$ L $\times$ H)
Mobile Phone Access Android; iOS  Interoperability ONVIF(profile T/s/G); CGI; SDK  Browser Chrome; IE9 or later; firefox  Multi-channel Playback Multi-channel Playback Record Mode Manual record; alarm recording; SMD recording; smart recording  Storage Conditions O °C to +40 °C (32 °F to 104 °F)  Operating Humidity 10%~93%  Storage Humidity 30%~85% Operating Altitude 3000 m (9842.52 ft)  Installation Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B  Storage  Local HDD; network	Network Protocol	Server; IP Search (Support Dahua IP camera; DVR; NVS;	Operating Conditions	-10 °C to +55 °C (+10 °F to +131 °F)
Operating Humidity 10%~93%  Storage Humidity 30%~85%  Storage Humidity 30%~85%  Operating Altitude 3000 m (9842.52 ft)  Installation Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B  Storage Local HDD; network	Mobile Phone Access		Storage Conditions	0 °C to +40 °C (32 °F to 104 °F)
Browser Chrome; IE9 or later; firefox Operating Altitude 3000 m (9842.52 ft)  Record Playback Multi-channel Playback Up to 8 channels for playback Record Mode Manual record; alarm recording; SMD recording; smart recording  Storage Humidity 300~85%  Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN 3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B			Operating Humidity	10%~93%
Record Playback  Multi-channel Playback  Manual record; alarm recording; SMD recording; smart recording  Storage  Operating Altitude  Josektop mounted  CE: EN62368-1; EN55032,EN55024, EN  3-2, EN61000-3-3 EN50130-4  FCC: Part 15 Subpart B			Storage Humidity	30%~85%
Multi-channel Playback  Up to 8 channels for playback  Record Mode  Manual record; alarm recording; SMD recording; smart recording  Local HDD; network  Installation  Desktop mounted  CE: EN62368-1; EN55032,EN55024, EN  3-2, EN61000-3-3 EN50130-4  FCC: Part 15 Subpart B		Chrome; IE9 or later; firefox	Operating Altitude	3000 m (9842.52 ft)
Record Mode  Manual record; alarm recording; SMD recording; smart recording  Local HDD; network  Certifications  3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B			Installation	Desktop mounted
recording  Storage Local HDD; network			Certifications	
	necora ivioae			
Backup USB storage device	Storage	Local HDD; network		
	Backup	USB storage device		

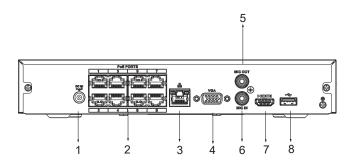
Ordering Information				
Туре	Model	Description		
8 Channel NVR	DHI-NVR4108HS- 8P-4KS2/L	8 Channel Compact 1U 1HDD 8PoE Network Video Recorder		

# Dimensions (mm[inch])





# **Panels**



- 1 DC Power Input
- 3 Network Port
- 5 AUDIO IN, RCA Connector
- 7 HDMI Port
- 2 PoE Ports
- 4 VGA Port
- 6 AUDIO OUT, RCA Connector
- 8 USB Port