

DHI-NVR4208/4216/4232-4KS2

8/16/32 Channel 1U 4K&H.265 Lite Network Video Recorder



- · H.265/H.264 codec decoding
- · Max 200Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support ANR technology to enhance the storage reliability when the network break down













System Overview

Dahua's NVR4000-4KS2 is the first Lite series NVRs which can support 4K and H.265. And, it has the most reasonable price and best quality. This Lite NVR provides up to 8MP resolution. For applications where details are critical for identification, it provides a powerful image performace with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and back up storage.

Designed as a cost-effective, easy installation, 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 with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with IP cameras.

Functions

4K Resolution

The NVR supports 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

Intelligent Video System (Optional)

Working with built-in intelligent video analytics IP cameras, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals.

Smart Add

With the Smart Add function, the installation of IP system is as easy as an analog system, no matter the NVR with or withou a PoE switch embedded. It should be noted that the NVR has to be in the same router as cameras.

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 NVR and then recorded in it.

Easy4ip

You can monitor at anytime and anywhere with Easy4ip. With this function, you can manage your devices more convenient.



Technical Specification		Audio and Video	
System		IP Camera Input	8/16/32 Channel
Main Processor	Quad-core embedded processor	Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Operating System	Embedded LINUX	Recording	
Display		Compression	H.265/H.264
Interface	1 HDMI, 1 VGA	Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768	Record Rate	200Mbps
Multi ceroon Dienley	8CH: 1/4/8/9	Bit Rate	16Kbps ~ 20Mbps Per Channel
Multi-screen Display	16/32CH: 1/4/8/9/16	Record Mode (Vi	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering,
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		Video Loss), Stop
Video Detection and Alarm		Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Network	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering	Interface	1 RJ-45 Port (10/100/1000Mbps)
Alarm input	4 Channel, Low Level Effective, Green Terminal Interface	Ethernet Port	1 Independent 1000Mbps Ethernet Port
Relay Output	2 Channel, NO/NC Programmable,	PoE	N/A
Playback and Backup	Green Terminal Interface	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPP0E, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS,
Playback	8CH: 1/4/8	Max. User Access	etc.), Easy4ip
	16/32CH: 1/4/8/16		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	Smart Phone	iPhone, iPad, Android
	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	Interoperability	ONVIF 2.4, CGI Conformant
Playback Function		Electrical	DOLONIA
Backup Mode	USB Device/Network	Power Supply	DC12V/4A
		Power Consumption	<6.9W (Without HDD)
Storage		Environmental	
Internal HDD	2 SATA III Port, Up to 6 TB capacity for each HDD	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
HDD Mode	Single	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
eSATA	N/A	Construction	
Auxiliary Interface		Dimensions	1U, 375mm×281.5mm×56mm (14.8" x 11.1" x2.2")
USB	2 USB Ports (1 USB2.0, 1 USB3.0)	Net Weight	1.6kg (3.5 lb) (without HDD)
RS232	N/A	Gross Weight	3.2kg(7.1 lb)(without HDD)
RS485	N/A	Certifications	
Third-party Support		CE	EN55032, EN55024, EN50130-4, EN60950-1
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more	FCC	Part 15 Subpart B, ANSI C63.4-2014
		UL	UL60950-1+CAN/CSA C22.2 No.60950-1

Lite Series | DHI-NVR4208/4216/4232-4KS2

Ordering Information			
Туре	Part Number	Description	
8 Channel NVR	DHI-NVR4208-4KS2	8 Channel 1U 4K&H.265 Lite Network Video Recorder	
16 Channel NVR	DHI-NVR4216-4KS2	16 Channel 1U 4K&H.265 Lite Network Video Recorder	
32 Channel NVR	DHI-NVR4232-4KS2	32 Channel 1U 4K&H.265 Lite Network Video Recorder	
Accessories	N/A	N/A	

Dimensions (mm) 375 @Uhya 50000 NO NOT POWER 281.5

