

DH:NVR4432-16P-4KS2 Datasheet

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Overview

Dahua NVR4432-16P-4KS2 is the 16 Channel 1.5U 4K&H.265 Lite Network Video Recorder.

Quick Spec

Table 1 shows the quick spec.

Model	NVR4432-16P-4KS2
Type	32 Channel 1.5U 16PoE 4K&H.265 Lite Network Video Recorder
Recording Compression	Smart H.265+/H.265/Smart H.264+/H.264
IP Camera Input	32 Channel
Display Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Network Interface	1 RJ-45 Port(10/100/1000Mbps)
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz

Product Details

Dahua NVR4432-16P-4KS2 is a Dahua Lite series network recorder. The Lite Series recorders are designed for optimum cost performance with strict Dahua quality standards.

Dahua NVR4432-16P-4KS2 provides these features:

- > Smart H.265+/H.265/Smart H.264+/H.264
- > Max 200Mbps Incoming Bandwidth
- > Up to 8MP Resolution for Preview and Playback
- > Up to 2ch@4K/8ch@1080P decoding
- > HDMI/VGA simultaneous video output
- > Support IPC UPnP, 16PoE ports

Compare to Similar Items

Table 2 shows the comparison.

Model	NVR4416-4KS2	NVR4432-16P-4KS2	NVR4432-4KS2	NVR5216-8P-4KS2E
Type	16 Channel 1.5U 4K&H.265 Lite Network Video Recorder	32 Channel 1.5U 16PoE 4K&H.265 Lite Network Video Recorder	32 Channel 1.5U 4K&H.265 Lite Network Video Recorder	16 Channel 1U 8PoE 4K&H.265 Pro Network Video Recorder
Recording Compression	Smart H.265+/H.265/Smart H.264+/H.264	Smart H.265+/H.265/Smart H.264+/H.264	Smart H.265+/H.265/Smart H.264+/H.264	Smart H.265+/H.265/Smart H.264+/H.264
IP Camera Input	16 Channel	32 Channel	32 Channel	16 Channel
Display Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720	HDMI: 3840 × 2160 , 1920 × 1080 , 1280 × 1024,1280 × 720 , 1024 × 768 VGA: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Network Interface	2 RJ-45 Ports	1 RJ-45 Port(10/100/1000Mbps)	2 RJ-45 Ports	1 RJ-45 Port (10/100/1000Mbps)

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz	AC100V ~ 240V, 50 ~ 60 Hz	AC100V ~ 240V, 50 ~ 60 Hz	Single, AC100V ~ 240V, 50 ~ 60 Hz
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Get More Information

Do you have any question about the NVR4432-16P-4KS2?

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Specification

NVR4432-16P-4KS2 Specification	
System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Aduio and Video	
IP Camera Input	32 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	2ch@4K 30fps, 8ch@1080P 30fps
Multi-screen Display	1/4/8/9/16/25/36
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.265+/H.265/Smart H.264+/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Recorde Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), 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, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	16 Channel

Alarm output	4 Channel
Playback and Backup	
Playback	1/4/9/16
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Third-party Support	
Third-party Support	Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Watchnet and more
Network	
Interface	1 RJ-45 Port(10/100/1000Mbps)
PoE	16 ports (IEEE802.3af/at)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, SNMP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	4 SATA III Ports, Up to 6 TB capacity for each HDD
HDD Mode	Single
Auxiliary Interface	
USB	2 ports(1 USB2.0, 1 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <13.7W (Without HDD)
	PoE: Max 25.5w for single port, 150w 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	1.5U, 440mm×411.1mm×76mm (17.3" x 16.2" x 3.0")

Certifications	
CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1

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