

DHI-NVR5224-24P-4KS2

24 Channel 1U 2HDDs 24PoE 4K & H.265 Pro Network Video Recorder



Dahua's new NVR5000-4KS2 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.

Face Recognition by Camera

Dahua face recognition technology extracts the features of captured faces and compares them with that in face database to recognize the person identity.

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.

Video Metadata by Camera

With deep learning algorithm, Dahua video metadata technology can detect, track, capture vehicle, non-motor vehicle and people, and select the best images, and extract attributes.

- · 24-channel IP video access
- Smart H.265+/Smart H.264+/H.265/H.264/MJPEG; H.265 auto switch
- · Max 320 Mbps incoming bandwidth
- Up to 24MP resolution for live view and playback
- 1-channel fisheye dewarping (AI by NVR)
- Al by Camera: Perimeter protection; face detection and recognition; SMD Plus; video metadata; ANPR; people counting; stereo analysis; crowd distribution; heat map
- · Support IPC UPnP, 24 PoE ports



ANPR by Camera

With deep learning algorithm, Dahua ANPR technology can recognize the number plate information of vehicles in the image with ANPR cameras. Support block/allowlist mode, searching target vehicles from recorded video.

Fisheye Dewarping

Fisheye dewarping solves the problem of distortion in the circular panoramic view. The device offers various dewarping modes for different installations and configurations that enhance the video, in both live or playback modes. Each dewarping mode offers options to adjust each scene.

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.

Stereo Analysis by Camara

With deep learning algorithm and scene 3-dimensional information, Dahua stereo analysis technology can recognize people's behaviors, such as fall detection, violence detection, strand detection, and space exception, and then generates alarm signals and triggers linkage.

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.

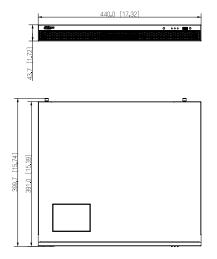
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	Third Party Camera Access		VGA	1

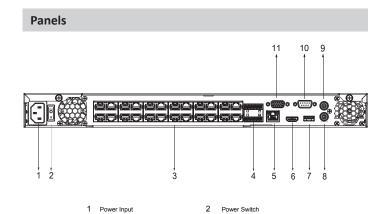
Pro Series | DHI-NVR5224-24P-4KS2

Network	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port	
PoE	24 ports (IEEE802.3af/at)	
General Parameter		
Power Supply	Single, 100V–240V AC, 50 Hz–60 Hz	
Power Consumption	< 16W (without HDD)	
Net Weight	4.6 kg (10.2 lb) (without HDD)	
Gross Weight	6 kg (13.3 lb) (without HDD)	
Product Dimensions	440 mm × 399.7 mm × 43.7 mm (17.3" × 15.7" × 1.7")	
Package Dimensions	567 mm × 507 mm × 164 mm (22.3" × 20.0" × 6.5")	
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	

Ordering Information			
Туре	Model	Description	
24 Channel NVR	DHI-NVR5224-24P- 4KS2	24 Channel 1U 24PoE 4K & H.265 Pro Network Video Recorder	

Dimensions (mm[inch])





- 3 PoE Ports 4 Alarm In/Out
 5 Network Port 6 HDMI Port
- 7
 USB Port
 8
 AUDIO IN, RCA Connector

 9
 AUDIO OUT, RCA Connector
 10
 RS-232 Port
- 11 VGA Port