

DHI-NVR608R-64/128-4KS2

64/128 Channel 2U 8HDDs Ultra series Network Video Recorder



Series Overview

Dahua's next generation network video recorder offers unparalleled recording technology for IP video surveillance applications. For applications where details are critical for identification, this enterprise-level NVR provides a powerful Intel processor 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.

This NVR is ideal for a wide range of applications such as public safety, transportation stations, government institutions, hotel resorts, shopping malls, city centers, and financial institutions, where demand expansion flexibility, high reliability and centralized storage management.

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.

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.

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.

- · New 4.0 user interface
- 16-channel decoding@1080p (30 fps); self-adaptive decoding capabil ity
- · Access, storage or forwarding at 384 Mbps
- Simultaneous video output for VGA and HDMI1; 4K heterogeneous output for the 2 HDMI ports
- Multiple data mode such as Raid0, Raid1, Raid5, Raid6, and Raid10
- Remote configuration and management of IPCs, such as setting pa rameters, acquiring information and upgrading IPCs of the same model in batches
- Al-by-camera functions such as perimeter protection, face detection and recognition, SMD Plus, video metadata, ANPR and 3D behavior analysis
- N+M cluster. When the host fails, the standbydevice will continue to record; once the host recovers, video recorded on the standby device will be transmitted back





















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.

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.

N+M Hot Standby

The highly reliable redundancy N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the sub instantly takes over the main ensuring no data is lost.

RAID

Support RAID 0,RAID 1,RAID 5,RAID 6,RAID 10 (optional). It can Improve your storage speed, while ensuring data security.

System Compression Main Processor Inhabited Inias Video Small 1,254-M1,255/Small 1,264-M1,264/M260/M Operating System Inhabited Inias Mideo Mark 1,254-M1,255/Small 1,264-M1,264/M260/M Operation Interfere Weathboat Skill Network Metwork Performance 24 chames Network Mideo A. San Processor Packed Name String, Performance 24 chames Interformance Name String String Name String Performance 24 chames Interformance Name String String Name String Performance Name Active String Performance Name Active String Performance Name Active String Performance Name String Name String Name String Name Name Name Name Name Name Name Name	Technical Specification		Third Party Camera Access	Panasonic, Sony, Samsung, Axis, Pelco, Arecont, Onvif,	
Main Midestale embedded intro-processors	System		Compression	canon and more	
Operating System Enhosted blux MIPCE MIPCE Operating System Webford Bill Audio M29/0726/2326/2326/2326/2326/2326/2326/2326/2	Main Processor	Industrial embedded micro-processor		Smart H.265+/H.265/Smart H.264+/H.264/MPEG4/	
Operation interface Welfcool CUI Network Perimeter Protection by Camera 24 channels All search 24 channels 4 channels <td>Operating System</td> <td>Embedded Linux</td> <td>Video</td> <td></td>	Operating System	Embedded Linux	Video		
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Performance 24 channels Interoperability OtiVis (profile T/S/G), CGI, SDIK	Al Search	Search pictures by channel, time, event type			
Sear Attributes Gattributes Gattributes Gattributes Gattributes Search pictures by channel, time and face attributes Record Playback	Face Recognition by Camera		Mobile Phone Access	iOS, Android	
Al Search Search pictures by channel, time and face attributes Record Playback Search pictures by channel, time and face attributes Record Playback 1/4/9/16	Performance	24 channels	Interoperability	ONVIF (profile T/S/G), CGI, SDK	
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Non-motor Vehicle Non-motor Vehicle Non-motor Vehicle Vipe, color, number of passengers, helmet Vige, color, passengers, helmet Vige, color, passengers, defection, policit, more of passengers, defection, passengers, lement Vige, color, passengers, defection, passengers, de	Human Body		Playback Function	2. Full screen, backup (cut/file), partially enlarge, audio	
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Multi-screen Display 2nd Screen: 1/4/8/9/16 2nd Screen: 1/4/8/9/16 RS-485 1 channel, used to control PTZ, and it supports multiple			eSATA	1 eSATA	
2nd Screen: 1/4/8/9/16 RS-485 1 channel, used to control PTZ, and it supports multiple	Multi-screen Display	1st Screen: 1/4/8/9/16/25/36/64	RS-232	1 channel, used to debug and pass through serial data	
		2nd Screen: 1/4/8/9/16	RS-485	1 channel, used to control PTZ, and it supports multiple protocols	

Ultra series | DHI-NVR608R-64/128-4KS2

USB	2 front USB 2.0 ports, 2 rear USB 3.0 ports
HDMI	2
VGA	1
Network	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet ports

General Parameter

Power Supply	Redundant, AC100V–240V, 50–60 Hz	
Power Consumption	< 20 W (Without HDD)	
Net Weight	9.7 kg (21.4 lb) (Without HDD)	
Gross Weight	12.2 kg (26.9 lb) (Without HDD)	
Product Dimensions	444 mm × 476 mm × 95 mm (W × L × H) 17.48 inch × 18.74 inch × 3.74 inch (W × L × H)	
Package Dimensions	571 mm × 618 mm × 219 mm (W × L × H) 22.48 inch × 24.33 inch × 8.62 inch (W × L × H)	
Operating Conditions	-10°C to +55°C (+14°F to +131°F), +35°C (+95°F) when raid enabled	
Storage Conditions	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	10%-93% (RH)	
Storage Humidity	30%-85% (RH)	
Operating Altitude	3000 m (9843 ft)	
Certifications	CE: EN55022, EN55024, EN50130-4, EN60950-1 FCC: Part 15 Subpart B, ANSI C63.4-2014 UL: UL 60950-1 and CAN/CSA C22.2 No.60950-1	

Ordering Information Туре Model Description 64 Channel 64 Channel Ultra Series 4K H.265 DHI-NVR608R-64-4KS2 NVR Network Video Recorder 128 Channel 128 Channel Ultra Series 4K DHI-NVR608R-128-4KS2 H.265 Network Video Recorder 4 HDDs eSATA Storage (Please confirm with Technical ESS1504C Accessories Support for HDD capacity &

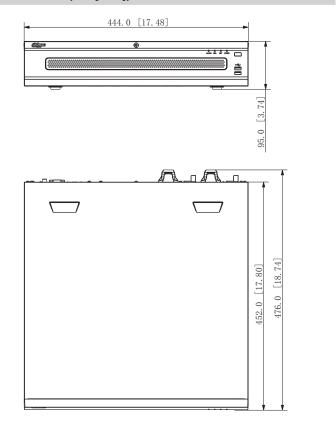
Accessories



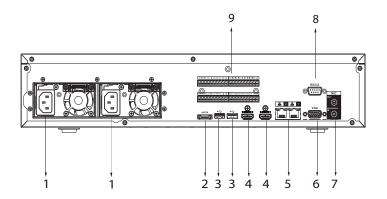
compatibility)

ESS1504C 4 HDDs eSATA Storage (Please confirm with Technical Support for HDD capacity & compatibility)

Dimensions (mm[inch])



Panels



- 1 Power Input
- 3 USB Ports
- 5 Network Ports
- 7 AUDIO IN/OUT, RCA Connector
- 9 Alarm In/Out

- 2 eSATA Port
- 4 HDMI Ports
- 6 VGA Port
- 8 RS-232 Port