

# DH-XVR5232AN-4KL-I3

### 32CH Penta-brid 4K Value/5MP 1U 2HDDs WizSense Digital Video Recorder



#### Wiz Sense

Launched by Dahua Technology, WizSense is a series of AI products and solutions that adopt independent AI chip and deep learning algorithm. It focuses on human and vehicle with high accuracy, enabling users to fast act on defined targets. Based on Dahua's advanced technologies, WizSense provides intelligent, simple and inclusive products and solutions.

#### Series Overview

Dahua Technology, a world-leading video-centric smart IoT solution and service provider, debuted its new XVR series, XVR5000-4KL-I3 Series featuring max.full-channel SMD Plus to benefit customers from AI upgrade (The number of channels differs depending on the model. Please refer to the specifications below for information on the number of channels.). This series has been developed to reduce false-alarm rates and the cost of human surveillance, thus bringing great value to customers in search of products with accurate human/vehicle alarm to raise the security level of various indoor and outdoor facilities.

#### Functions

#### Face Recognition

Dahua Face Recognition technology extracts the features of captured faces and compares them with that in face database. \*Face Recognition conflicts with SMD Plus and Perimeter Protection.

#### Perimeter Protection

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

#### SMD Plus

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.

#### AI Coding-ABR

Compared with H.265, AI coding-ABR can save 50% on storage costs, and save bit rate for complex scenes, which can prioritize image quality in dynamic scenes.

- 6-channel QuickPick 2.0 for analog channels which improves target retrieval efficiency.
- 1-channel Privacy Protection for analog channels which supports masking and restoring human faces that are detected in real time.
- 32-channel SMD Plus for analog channels or 64-channel SMD by camera which allows the device to trigger accurate alarms for humans and vehicles.
- 12-channel perimeter protection for analog channels which supports tripwire and intrusion detection powered by AI.
- 6-channel face recognition for analog channels which supports face comparison.
- 32-channel AI Coding saves on storage and bandwidth while maintaining the details of targets in videos.
- Supports HDCVI, AHD, TVI, CVBS and IP video input.
- Supports up to 64-channel IP camera input and each channel can be up to 8 MP. The incoming bandwidth reaches 256 Mbps.
- $\cdot$  Smart H.265+ and Smart H.265 dual-stream video compression.



#### QuickPick 2.0

By employing the back-end perimeter protection algorithm, QuickPick 2.0 not only retains the capability to identify the color of clothing and vehicles, which was offered by its predecessor QuickPick 1.0, but it also possesses the enhanced ability to detect various types of hats, clothing and vehicles, thus greatly improving the accuracy of the search function.

#### **Privacy Protection**

Dahua Privacy Protection technology is capable of masking detected human faces and subsequently removing the mask, ensuring the privacy of specific individuals is protected.

#### Irregular Black Block Masking

Dahua's black block masking function supports the use of irregular shapes for masking, ensuring privacy in public and private locations.

#### HDMI (4K)

The HDMI port can support up to 4K output, delivering clear and highly detailed images.

# Wiz Sense | DH-XVR5232AN-4KL-I3

Carreral       Industrial-grade processor       Carreral         Operating System       Embedded Linux         Operating Interface       Web; Local GUI         QuickPick 2.0	Technical Specificatio	n				
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Image: Properting interface         Web; local GUI           QuickPick 2.0 <ul> <li>Grammal (Mumber of channels)</li> <li>Grammal (Mumber of channels)</li></ul>	, Main Processor	Industrial-grade processor	Camera Input	Camera Input		
Current of	Operating System	Embedded Linux				
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rregular Black Block     1 channel     Video Compression       Masking by Recorder     1 channel     Audio Compression       Audio and Video     32 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-			Compression Standar			
Masking by Recorder     Audio Compression       Audio and Video     32 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-	Irregular Black Block		Video Compression			
Analog Camera Input 32 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-	Masking by Recorder	1 Glannel	Audio Compression			
Analog Camera Input	Audio and Video					
	Analog Camera Input					

## Wiz Sense | DH-XVR5232AN-4KL-I3

#### Network

Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 23.12 (Profile T; Profile S; Profile G); CGI; SDK
Browser	Chrome; IE; Safari; Edge; Firefox
Recording Playback	
Record Mode	General; alarm; motion detection; intelligent; POS
Recording Playback	1/4/9/16
Backup Method	USB device and network
Playback Mode	Instant playback; general playback; event playback; tag playback; smart playback
Storage	
Disk Group	Yes
Alarm	
General Alarm	Motion detection; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm
Anomaly Alarm	Error (no disk, disk error, low space, low quota space; network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline
Intelligent Alarm	Face detection; face recognition; perimeter protection; SMD Plus
Alarm Linkage	Record; snapshot (panoramic); IPC external alarm output; audio; buzzer; log; preset; email
Ports	
TV Output	1 channel
Audio Input	1-channel RCA 32-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way Talk	Yes (share the same audio input with the first channel)
Disk Interface	2 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature.
RS-485	1
USB	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)
HDMI	1
VGA	1
Network Port	1 (10/100/1000 Mbps Ethernet port, RJ-45)
General	
Power Supply	12 VDC, 5 A
Power Consumption	<32 W (without HDD)
Net Weight	2.50 kg (5.52 lb)
Gross Weight	4.10 kg (9.04 lb)
Product Dimensions	375.0 mm × 334.7 mm × 53.0 mm (14.76" × 13.17" × 2.09") (W × D × H)

Packaging Dimensions	449.0 mm × 170.0 mm × 421.0 mm (17.68" × 6.70" × 16.58") (W × D × H)
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Installation	Desktop
Certifications	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 FCC: Part 15 Subpart B

#### Ordering Information

Туре	Model	Description
DIGITAL VIDEO RECORDER	DH-XVR5232AN-4KL-13	32CH Penta-brid 4K Value/5MP 1U 2HDDs WizSense Digital Video Recorder

#### Accessories

Optional:







DHI-SSD-V800S256G SSD

DHI-SSD-V800S512G SSD

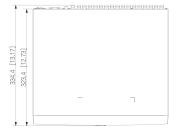
DHI-SSD-V800S1TB SSD



DHI-ARB1606 Alarm Box

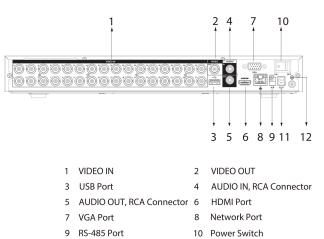
#### Dimensions (mm[inch])





### Wiz Sense | DH-XVR5232AN-4KL-I3

#### **Panels**



12 Ground

11 Power Input

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