### Интернет магазин W.od.ua | Код товара: 02832 | https://bit.ly/3cj3hpG

Wiz Sense | DH-XVR5108HS-4KL-12



# DH-XVR5108HS-4KL-12

8 Channel Penta-brid 4K-N/5MP Compact 1U 1HDD WizSense Digital Video Recorder





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-I2 featuring full-channel SMD Plus to benefit customers from AI upgrade. The series are designated to reduce false-alarm rates and human surveillance costs, 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**

#### **Real Time Face Recognition**

Video stream real time face recognition. Facial attributes analysis features including gender, age, expression, glasses, moustache, mouth mask. Identify people and also capture, record faces with metadata. Facial feature filtering while real time display, only show faces with target features.

\*The Face Recognition is conflicted with SMD Plus and Perimeter Protection.

#### **Perimeter Protection**

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**

SMD Plus, referred to as Smart Motion Detection Plus, which is an upgrading version of SMD that greatly improves the alarm accuracy by loading deep-learning algorithm. It analyzes person and vehicle shapes based on motion detection and send alarms only when person and vehicle intrudes.

- · H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 16 channels IP camera inputs, each channel up to 8MP; Max 128 Mbps incoming bandwidth
- Up to 2 channels video stream ( analog channel ) Perimeter Protection
- Up to 8 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel ) human face recognition
- · IoT & POS functionalities



#### AI Coding

Compared with H.265, Al codec can reduce up to 50% bit rate and storage requirements while have no loss of decoding compatibility, providing clear human and vehicle details.

#### Smart H.265+

Smart Codec, H.265+ can reduce up to 90% bit rate and storage requirements compared with H.264 without having to invest in new cameras.

#### HDCVI/AHD/TVI/CVBS Auto-detect

The XVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

#### **High Definition Camera Input**

The XVR supports up to 4K HDCVI camera and 8MP IP camera input.

#### Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.

#### **Long Distance Transmission**

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

#### AI Search

Extract and classify person and vehicles from massive video data, easy for end users to trace historical information and analyze. Person & Vehicle optional for playback to achieve quick target search, saving event retrieval time.

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Technical Specificat	ion	Record Interval	1 – 60 min (default: 60 min), Pre-record: 1 s–30 s, Post-	
System		Audio Compression	record: 10 s–300 s G.711A, G.711U, PCM	
Main Processor	Embedded Processor	Audio Sample Rate	8 KHz, 16 bit Per Channel	
Operating System	Embedded LINUX	Audio Bit Rate	64 Kbps Per Channel	
Perimeter Protection			64 KDps Per Chaimer	
Performance	2 channels, 10 IVS for each channel	Display		
	Human/Vehicle secondary recognition for tripwire and	Interface	1 HDMI ,1 VGA	
Object classification  Al Search	intrusion  Search by target classification (Human, Vehicle)	Resolution	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720	
Face Recognition		Multi-screen Display	When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 1/4/8/9/16	
	Max 12 face pictures/sec processing	OSD	Camera title, Time, Video loss, Camera lock, Motion	
Performance	2 channels video stream face recognition, only support	Network	detection, Recording	
	analog camera		1 DL 45 D+ (1000 MD)	
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually.	Interface	1 RJ-45 Port (1000 MB)	
Al Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image.  Up to 10 face databases with 20,000 face images in	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports Dahua IP camera, DVR, NVS, etc.)	
Database Management	total. Name, gender, birthday, address, certificate type, certificate No., countries&regions and state can be added	Max. User Access	128 users	
	to each face picture.	Smart Phone	iPhone, iPad, Android	
Database Application	Each database can be applied to video channels independently .	Interoperability	ONVIF 16.12, CGI Conformant	
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Video Detection and		
SMD Plus	Alaim Out, F12 Activation, etc.	Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot,	
Performance	8 channels		Buzzer and Screen Tips  Motion Detection, MD Zones: 396 (22 × 18), Video Loss,	
Al Search	Search by target classification (Human, Vehicle)	Video Detection	Tampering and Diagnosis	
Video and Audio	, ; , , ,	Alarm input	N/A	
Analog Camera Input	8 channels, BNC	Relay Output	N/A	
	4K, 6MP, 5MP, 4MP, 1080P@25/30fps, 720P@50/60fps,	Playback and Backu	р	
HDCVI Camera Input	720P@25/30fps	Playback	1/4/9	
AHD Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps	Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	
TVI Camera Input  CVBS Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps PAL/NTSC	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full	
IP Camera Input	8+8 channels, each channel up to 8MP	Backup Mode	Screen, Repeat, Shuffle, Backup Selection, Digital Zoom USB Device/Network	
Audio In/Out	1/1, RCA	Storage		
Two-way Talk	Reuse audio in/out, RCA	Internal HDD	1 SATA Port, up to 10TB capacity	
Recording		eSATA	N/A	
Compression	Al Coding/H.265+/H.265/H.264+/H.264		19/0	
·	4K, 6MP, 5MP, 4K-N, 4MP, 3MP, 4M-N, 1080P, 720P,	Auxiliary Interface	211CD Dorte /111CD 2.0. 1.11CD 2.0\	
Resolution	960H, D1, CIF  Main stream: All channel 4K(1fps–7fps); 6MP(1fps– 10fps); 5MP(1fps–12fps); 4K-N, 4MP/3MP(1fps–15fps); 4M-N/1080P/720P/960H/D1/CIF (1fps–25/30fps);	USB	2 USB Ports (1 USB 2.0 , 1 USB 3.0)	
Record Rate		RS485 RS232	1 Port, for PTZ Control  N/A	
	Sub steram:960H(1fps-15fps); D1/CIF(1fps-25/30fps)	Electrical		
Bit Rate	32 Kbps–6144 Kbps Per Channel	Power Supply	DC 12V/2A	
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	Power Consumption (Without HDD)	<10W	

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#### Construction

Dimensions	Compact 1U, 260 mm × 238 mm × 48 mm (10.24" × 9.34" × 1.87")	
Net Weight (without HDD)	1.0 kg (2.2 lb)	
Gross Weight	1.4 kg (3.1 lb)	
Installation	Desktop installation	

#### Environmental

Operating Conditions	-10°C to +55°C (+14°F to +131°F), 0–90% RH
Storage Conditions	-20°C to +70°C (-4°F to +158°F) , 0–90% RH

#### Third-party Support

Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

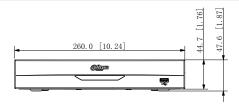
#### Certifications

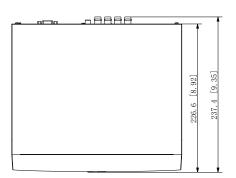
	FCC: Part 15 Subpart B
Certifications	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024

### Ordering Information

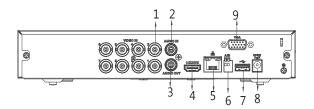
Туре	Model	Description
8 Channel	DH-XVR5108HS-	Compact 1U WizSense Digital Video
WizSense XVR	4KL-I2	Recorder

#### Dimensions (mm[inch])





#### **Panels**



- 1 VIDEO IN
- 2 AUDIO IN, RCA Connector
- 3 AUDIO OUT, RCA Connector
- 4 HDMI Interface
- 5 Network Interface
- 6 RS485 Interface
- 7 USB Interface
- 8 DC 12V Power Input
- y VGA Interface

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