



DH-XVR5416L-4KL-13

16CH Penta-brid 4K Value/5MP 1.5U 4HDDs WizSense Digital Video Recorder



Wiz Sense

Launched by Dahua Technology, WizSense is a series of Al products and solutions that adopt independent Al 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 Al 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.

EPTZ

With advanced target detection and tracking algorithms, Dahua EPTZ technology can simultaneously zoom in and track multiple humans and vehicles that trigger alarms. It provides rich details and a panoramic view at the same time.

- 2-channel QuickPick 2.0 for analog channels which improves the efficiency of target retrieval.
- 1-channel Privacy Protection for analog channels which supports masking and restoring human faces that are detected in real time.
- 16-channel SMD Plus for analog channels or 32-channel SMD by camera which allows the device to trigger accurate alarms for humans and vehicles.
- 8-channel perimeter protection for analog channels which supports tripwire and intrusion detection powered by AI.
- 2-channel face recognition for analog channels which supports face comparison.
- 16-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 32-channel IP camera input and each channel can be up to 12 MP. The incoming bandwidth reaches 128 Mbps.
- · Smart H.265+ and 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.

- 1 . 15		Audio and Video	
Technical Specification	on		16 BNC ports, supports HDCVI/AHD/TVI/
System		Analog Camera Input	detect
Main Processor	Industrial-grade processor		1. CVI: 4K@25/30 fps; 4K@12.5/15 fps;
Operating System	Embedded Linux		fps; 5 MP@25 fps; 5 MP@20 fps; 4 MP@2 1080p@25/30 fps; 720p@25/30 fps; 720p 2. TVI: 4K@15 fps; 5 MP(2560 x 1944)@20 5 MP(2960 x 1665)@20 fps; 4 MP@25/30
Operating Interface	Web; Local GUI	Camera Input	
Quick Pick			MP@25/30 fps; 1080p@25/30 fps; 720p 3. AHD: 4K@15 fps; 5 MP@20 fps; 4 MP@
QuickPick 2.0 AI by Recorder (Number of Channels)	2 channels		MP@25/30 fps; 1080p@25/30 fps; 720p Up to 32 channels of IPC access
Perimeter Protection		IP Camera Input	16 IP channels by default + 16 channels (an channels are converted to IP channels) Incoming bandwidth: 128 Mbps, recording 128 Mbps and outgoing bandwidth: 128 Ml *After IP extension is enabled, EPTZ, Video Analytics, Scene Changing, Face Recognition Detection, SMD, Perimeter Protection, Quic and Privacy Protection cannot be used.
Perimeter Performance Al by Recorder (Number of Channels)	Advanced Mode: 2 channels, 10 IVS rules for each channel General Mode: 8 channels, 10 IVS rules for each channel		
Face Detection			Encode Enhancement disabled :
Face Attributes	6 attributes		Main stream:
Face Detection Performance of Al by Recorder (Number of Channels)	2 channels(up to 12 face images/s each channel)		the 1st, 9th channel 4K@(1 fps-15 fps), oth fps-7 fps); the 1st, 9th channel 6 MP@(1 fps-20 fps), of MP@(1 fps-10 fps); the 1st, 9th channel 5 MP@(1 fps-25 fps), otherwise figure 1st, 9th channel 5 MP@(1 fps-25 fps), or
Privacy Protection			MP@(1 fps-12 fps); the 1st, 9th channel 4K-N/4 MP/3 MP@(
Privacy Protection Performance of Al by Recorder (Number of Channels)	1 channel		fps), others 4K-N/4 MP/3 MP@(1 fps-15 fps) 4K@(1 fps-8 fps); 5 MP@(1 fps-15 fps);4M-1 720p/960H/D1/CIF@(1 fps-25/30 fps) Sub stream: 960H@(1 fps-15 fps); D1/CIF@(1 fps-25/30
Face Recognition			Encode Enhancement enabled : Main stream:
Face Database Capacity	Up to 10 face databases with 20,000 images.	Encoding Capacity	the 1st, 5th, 9th, 13th channel 4K@(1 fp others 4K@(1 fps-7 fps);
Face Recognition Performance of AI by Recorder (Number of Channels)	2 channels		the 1st, 5th, 9th, 13th channel 6 MP@(1 frothers 6 MP@(1 fps-10 fps); the 1st, 5th, 9th, 13th channel 5 MP@(1 frothers 5 MP@(1 fps-12 fps);
SMD Plus			the 1st, 5th, 9th, 13th channel 4K-N/4 M fps-25/30 fps), others 4K-N/4 MP/3 MP(
SMD Plus by Recorder	16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change		4K/6 MP@(1 fps-10 fps);5 MP@(1 fps-15 fps 1080p/720p/960H/D1/CIF@(1 fps-25/30 fps Sub stream: 960H@(1 fps-15 fps); D1/CIF@(1 fps-25/30 *When Encode Enhancement is enabled, EPT Quality Analytics, Scene Changing, Face Reco
SMD Plus by Camera	32 channels		
Al Video Quality Anal	ytics		Face Detection, Perimeter Protection, Qu Privacy Protection cannot be used.
Al Video Quality Analytics by Recorder	16 channels: Supports detecting brightness levels, color cast, defocus, overexposure, contrast levels, black and white	Dual-stream	Yes
Scene Changing		Video Bit Rate	32 kbps–6144 kbps
Scene Changing by		Audio Sampling	8 kHz, 16 bit
Scene Changing by Recorder	1 channel	Audio Bit Rate	64 kbps
Irregular Black Block Masking			2 HDMI, 1 VGA, 1 CVBS HDMI1: 3840 × 2160, 1920 × 1080, 1280 720
Irregular Black Block Masking by Recorder	1 channel	Video Output	VGA/HDMI2: 1920×1080 , 1280×1024 , 1 *Heterogeneous video sources output for
EPTZ			configurable. When IP extension mode not enabled: 1,
EPTZ by Recorder	1 channel	Multi-screen Display	When IP extension mode enabled: 1/4/8
		Third-party Camera Access	Panasonic Sony Hanwha Avis Arecont

Third-party Camera Access

Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF

Video Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression G.711a; G.711u; PCM Network HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPPn; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, RVS, etc.) Mobile Phone Access IOS; Android Interoperability ONVIF 24.06 (Profile T; Profile S; Profile G); CGI; SDK Browser Chrome; IE; Safari; Edge; Firefox 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 Alarm Wotion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm General Alarm Motion detection; local alarm; 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 tampring; camera offline Intelligent Alarm Face detection; face recognition; perimeter protection; SMD Plus Alarm Linkage Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel BNC <t< th=""><th colspan="5">Compression Standard</th></t<>	Compression Standard				
Network HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SMMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.) Mobile Phone Access	Video Compression	Al Coding; Smart H.265+; H.265; Smart H.264+; H.264			
Network Protocol HTTP; HTTPs; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SMMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.) Mobile Phone Access	Audio Compression	G.711a; G.711u; PCM			
Network Protocol DNS, SMTP; UPnP; IP litter; FTP; DDNS, SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.) Mobile Phone Access iOS; Android Interoperability ONVIF 24.06 (Profile T; Profile S; Profile G); CGI; SDK Browser 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; smart playback; event playback; tag playback, smart playback; smart playback; event playback; tag playback; smart playback alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 1-channel BNC 1-channel BNC Alarm Input 1 channel BNC Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI	Network				
Interoperability ONVIF 24.06 (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; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email POrts CVBS Output 1 channel Audio Input 4-channel BNC 1-channel BNC 1-channel BNC 1-channel BNC Alarm Input 1 6 channels Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Network Protocol	DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP			
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; smart playback; event playback; tag playback; smart playback smart playback; event playback; tag playback; smart playback Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC 16-channel BNC 16-channel BNC 16-channel BNC Alarm Input 16 channels Alarm Input 16 channels Alarm Output 2 -channels Alarm Output 3 -channels Alarm Output 4 -channels Alarm Output 6 channels Alarm Output 7 -channels Alarm Output 9 -channels Alarm Output 10 -channels Alarm Outpu	Mobile Phone Access	iOS; Android			
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 Mode Playback Mode Ves Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR alarm Fror (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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 6 channels Alarm Output 6 channels Alarm Output 7 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports)	Interoperability	ONVIF 24.06 (Profile T; Profile S; Profile G); CGI; SDK			
Record Mode Recording Playback Recording Re	Browser	Chrome; IE; Safari; Edge; Firefox			
Recording Playback Backup Method USB device and network Playback Mode Playback Mode Instant playback; general playback; event playback; tag playback; smart playback; smart playback Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Alarm Output 7 de channels Alarm Output 8 de channels Alarm Output 9 de channels Alarm Output 1 channels Alarm Output 1 channels Alarm Output 3 de channels Alarm Output 4 sATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Recording Playback				
Backup Method USB device and network Playback Mode Playback Mode Instant playback; general playback; event playback; tag playback; smart playback Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC 1-channel BNC Alarm Input 16 channels Alarm Output 5 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Record Mode	General; alarm; motion detection; intelligent; POS			
Playback Mode Instant playback; general playback; tag playback; smart playback Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC 16-channel BNC 17wo-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Alarm Output 6 channels Alarm Output 7 sach disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Recording Playback	1/4/9/16			
Playback Mode Storage Disk Group Yes Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 1-channel BNC Two-way Talk 1-channel BNC Two-way Talk 1-channels Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Backup Method	USB device and network			
Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 6 channels Alarm Output 6 channels Alarm Output 7 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Playback Mode				
Alarm General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channels Alarm Input 16 channels Alarm Output 6 channels Disk Interface TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Storage				
General Alarm Motion detection; local alarm; alarm box; HDCVI alarm; camera external alarm; network alarm; PIR 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); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC 16-channel BNC 17-channel BNC 18-channel BNC 19-channel BNC Alarm Input 16 channels Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Disk Group	Yes			
Anomaly Alarm Camera external alarm; network alarm; PIR 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 Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channels Alarm Input 6 channels Alarm Output 6 channels 1 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI	Alarm				
Anomaly Alarm network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline Face detection; face recognition; perimeter protection; SMD Plus Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC 16-channel BNC Two-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	General Alarm				
Alarm Linkage Record; snapshot (panoramic); local alarm output; IPC external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channels Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Anomaly Alarm	network disconnection; IP conflict; MAC conflict); video			
Alarm Linkage external alarm output; audio; buzzer; log; preset; email Ports CVBS Output 1 channel Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Intelligent Alarm				
CVBS Output 1 channel Audio Input 4-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Alarm Linkage				
Audio Input 4-channel BNC 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels Disk Interface 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Ports				
Audio Input 16-channel BNC (Coaxial Audio) Audio Output 1-channel BNC Two-way Talk 1-channel BNC Alarm Input 16 channels Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	CVBS Output	1 channel			
Two-way Talk Alarm Input 16 channels Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Audio Input				
Alarm Input Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Audio Output	1-channel BNC			
Alarm Output 6 channels 4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Two-way Talk	1-channel BNC			
4 SATA ports. Each disk can contain up to 16 TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Alarm Input	16 channels			
Disk Interface TB. This limit varies depending on the environment temperature. eSATA 1 RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Alarm Output	6 channels			
RS-232 1 RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	Disk Interface	TB. This limit varies depending on the environment			
RS-485 1 USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	eSATA	1			
USB 3 (1 front USB 2.0 port, 2 rear USB 3.0 ports) HDMI 2	RS-232	1			
HDMI 2	RS-485	1			
	USB	3 (1 front USB 2.0 port, 2 rear USB 3.0 ports)			
VGA 1	HDMI	2			
	VGA	1			

Network Port	1 (10/100/1000 Mbps Ethernet port, RJ-45)	
General		
Power Supply	AC100V ~ AC240V 50±2%Hz	
Power Consumption	<20 W (without HDD)	
Net Weight	4.7 kg (10.36 lb)	
Gross Weight	6.9 kg (15.21 lb)	
Product Dimensions	440.0 mm × 420.2 mm × 76.0 mm (17.32" × 16.54" × 2.99") (W × D × H)	
Packaging Dimensions	529.0 mm \times 499.0 mm \times 211.0 mm 20.83" \times 19.65" \times 8.31" (W \times D \times 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-XVR5416L-4KL-I3	16CH Penta-brid 4K Value/5MP 1.5U 4HDDs WizSense Digital Video Recorder			

Accessories

Optional:





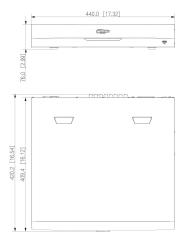


DHI-SSD-V800S256G SSD DHI-SSD-V800S512G SSD DHI-SSD-V800S1TB

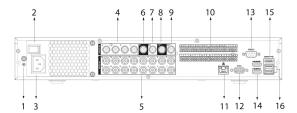


DHI-ARB1606 Alarm Box

Dimensions (mm[inch])



Panels



- 1 Ground
- 3 Power Input
- 5 VIDEO IN
- 7 MIC OUT, BNC Connector
- 9 VIDEO OUT
- 11 Network Port
- 13 RS-232 Port
- 15 eSATA Port
- 2 Power Switch
- 4 AUDIO IN, BNC Connector
- 6 MIC IN, BNC Connector
- 8 AUDIO OUT, BNC Connector
- 10 Alarm In/Out
- 12 VGA Port
- 14 HDMI Ports 16 USB Ports
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