



DH-XVR5116HS-5M-I3

16CH Penta-brid 5MP Compact 1U 1HDD WizSense Digital Video Recorder





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, XVR5000-5M-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 takes effect when Face is selected in AI Mode.

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.

*Perimeter Protection takes effect when IVS&SMD is selected in AI Mode.

- 2-channel QuickPick 2.0 for analog channels which improves the efficiency of target retrieval.
- 16-channel SMD Plus for analog channels or 24-channel SMD by camera which allows the device to trigger accurate alarms for humans and vehicles.
- 4-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 24-channel IP camera input and each channel can be up to 6 MP. The incoming bandwidth reaches 128 Mbps.
- · Smart H.265+ and H.265 dual-stream video compression.
- · IoT and POS capabilities.













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.

*SMD Plus takes effect when SMD or IVS&SMD is selected in AI Mode.

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.

*QuickPick 2.0 takes effect when Quick Pick is enabled in Al Mode.

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.

Scene Changing Scene Changing by Recorder Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps. 1. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30	Technical Specificatio	n				
Main Processor Industrial-grade processor Operating System 6 imbedded Linux Operating Interface Web; Local GUI Quick Pick OuickPick 2 OA Inty Recorder (Number of Channels) Perimeter Performance Al by Recorder (Number of Channels) Present Performance Al by Recorder (Number of Channels) Pace Detection Face Detection Face Attributes 6 Attributes Face Detection Face Attributes 2 channels (up to 12 face images/s each channel) Face Detection Face Recognition Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Pathase Capacity Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Pathase Capacity Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder It channels Secondary filtering for human and vehicle, recorder (Number of Channels) Face Recognition Performance of Al by Recorder It channels Secondary filtering for human and vehicle, reducing fake alorms caused by leaves, rain and lighting condition change Video Bit Rate Video Bit Rate Video Output Video Output Video Output Video Compression Standar Scene Changing Scene Changing Scene Changing by Recorder Irregular Black Block Masking Irregular Black Bl	System					
Operating Interface Quick Pick Quick Pick Quick Pick 2.0 Al by Recorder (Number of Channels) Perimeter Protection Perimeter Performance Al by Recorder (Interface) Perimeter Protection Perimeter Performance Al by Recorder (Number of Channels) Advanced Mode: 2 channels, 10 IVS rules for each channels of the Pick Pick Pick Pick Pick Pick Pick Pick		Industrial-grade processor				
Operating Interface Quick Pick Quick Pick 2.0 Al by Recorder (Number of Channels) Perimeter Protection Perimeter Performance Al by Recorder (Number of Channels) Pace Detection Face Detection Face Detection Face Detection Face Recognition Performance of Al by Recorder (Number of Channels) Pace Recognition Performance of Al by Recorder (Number of Channels) Pace Recognition Performance of Al by Recorder (Number of Channels) Pace Recognition Performance of Al by Recorder (Number of Channels) Pace Recognition Performance of Al by Recorder (Number of Channels) Perfor	Operating System	Embedded Linux				
Quick Pick Quick Pick 2.0 Al by Recorder (Number of Channels) Perimeter Protection Perimeter Performance Al by Recorder (Number of Channels) Advanced Mode: 2 channels, 10 IVS rules for each channel by Recorder (Number of Channels) Advanced Mode: 2 channels, 10 IVS rules for each channel by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) Face Detection Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Necognition Face Detection Face Detection Face Detection Performance of Al by Recorder (Number of Channels) Face Recognition Face Necognition Face Recognition Face Recognition Face Necognition Face Recognition Face Recognit	Operating Interface	Web; Local GUI	IP Camera Input	IP Camera Input		
Channels		·				
Recorder (Number of Channels) Perimeter Performance Al Odvanced Mode: 2 channels, 10 IVS rules for each channel of Channels) Perimeter Performance Al Odvanced Mode: 2 channels, 10 IVS rules for each channel of Channels (Number of Channels) Pace Detection Face Detection Face Detection Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Paths are the second of Mode: 2 channels (up to 12 face images/s each channel) Face Database Capacity Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Recognition Face Recognition Face Recognition Performance of Al by Recorder (Number of Channels) Face Recognition Face Rec	`					
Advanced Mode: 2 channels, 10 IVS rules for each channel by Recorder (Number of Channels) Face Detection Face Attributes 6 attributes 6 attributes 6 attributes 6 attributes 6 attributes Face Detection Face Attributes 6 attributes 6 attributes 6 attributes 6 attributes 6 attributes 6 attributes Face Recognition Face Recognition Face Recognition Face Batabase Capacity Up to 10 face databases with 10,000 images. Face Recognition Face Recog	Recorder (Number of	2 channels				
Face Petection Face Attributes 6 attributes Face Detection Face Detection Face Detection Face Detection Face Petection Face Recognition Face Recognition Face Batabase Capacity Face Recognition Face Peters P	Perimeter Protection					
Face Attributes 6 attributes Face Detection Performance of Al by Recorder (Number of Channels) Face Recognition Face Database Capacity Up to 10 face databases with 10,000 images. Face Recognition Performance of Al by Recorder (Number of Channels) SMD Plus SMD Plus 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Recorder Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Scene Changing Scene Changing Scene Changing by Recorder 1 channel Scene Changing by Recorder Scene Changing	by Recorder (Number of	channel General Mode: 4 channels, 10 IVS rules for each				
Face Attributes 6 a ttributes Face Detection Performance of Al by Recorder (Number of Channels) Face Recognition Face Database Capacity Up to 10 face databases with 10,000 images. Face Recognition Performance of Al by Recorder (Number of Channels) SMD Plus SMD Plus by Recorder Al Channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 24 channels Al Video Quality Analytics Al Vide	Face Detection		Franking Compains			
Performance of Al by Recorder (Number of Channels) Face Recognition Face Database Capacity Up to 10 face databases with 10,000 images. Face Recognition Performance of Al by Recorder (Number of Channels) SMD Plus SMD Plus by Recorder 16 channels Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera Al Video Quality Analytics Al Video Quality Analytics by Recorder Scene Changing Scene Changing Scene Changing Scene Changing by Recorder Irregular Black Block Masking Irregular Black Block Masking Network Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect detect 1. CNI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@2	Face Attributes	6 attributes	Encoding Capacity			
Face Recognition Performance of AI by Recorder (Number of Channels) SMD Plus 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Recorder 24 channels AI Video Quality Analytics AI Video Quality Analytics by Recorder 16 channels: Supports detecting brightness levels, color cast, defocus, overexposure, contrast levels, black and white Scene Changing Scene Changing by Recorder 1 channel 1 chann	Performance of AI by Recorder (Number of	2 channels (up to 12 face images/s each channel)				
Face Recognition Performance of Al by Recorder (Number of Channels) SMD Plus 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Recorder 24 channels Al Video Quality Analytics Scene Changing Scene Changing Scene Changing by Recorder Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodeteted the properties of the	Face Recognition					
Performance of Al by Recorder (Number of Channels) SMD Plus 16 Channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Recorder 16 Channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 24 channels Al Video Quality Analytics by Recorder 16 Channels: Supports detecting brightness levels, color cast, defocus, overexposure, contrast levels, black and white Scene Changing Scene Changing by Recorder 1 channel 2 compression Audio Compression	Face Database Capacity	Up to 10 face databases with 10,000 images.		(
Recorder (Number of Channels) SMD Plus SMD Plus 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change Video Output Video Output Video Quality Analytics cast, defocus, overexposure, contrast levels, black and white Scene Changing by Recorder Irregular Black Block Masking Irregular Black Block B	-		Dual-stream	,		
SMD Plus by Recorder 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change SMD Plus by Camera 24 channels Al Video Quality Analytics Scene Changing Scene Changing by Recorder Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking by Recorder Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect detect 1. CVI: S MP@25 fps; 5 MP@20 fps; 5 MP(2960 x 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@2	Recorder (Number of	2 channels	Video Bit Rate			
SMD Plus by Recorder 16 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change Video Output			Audio Sampling			
SMD Plus by Recorder reducing false alarms caused by leaves, rain and lighting condition change video Output SMD Plus by Camera 24 channels Al Video Quality Analytics Al Video Quality Analytics by Recorder light plant pl	SMD Plus		Audio Bit Rate			
SMD Plus by Camera 24 channels Al Video Quality Analytics by Recorder Scene Changing Scene Changing by Recorder 1 channel 1 channel Irregular Black Block Masking Irregular Black Block Block Masking Network Network Protocol Mobile Phone Access Interoperability Browser Recording Playback Record Mode	SMD Plus by Recorder	reducing false alarms caused by leaves, rain and lighting	Video Output			
Al Video Quality Analytics by Recorder Scene Changing Scene Changing by Recorder I channel Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input I 6 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@2	SMD Plus by Camera	24 channels				
Al Video Quality Analytics by Recorder Scene Changing Scene Changing by Recorder 1 channel Irregular Black Block Masking Irregular Black Block Masking Network Irregular Black Block Masking Irregular Black Block Masking by Recorder 1 channel Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; Record Mode Camera Input Analog Camera Input 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; Record Mode Camera Input Analog Camera Input 1. CVI: 5 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p			Multi-screen Display	W		
Scene Changing by Recorder 1 channel Audio Compression Standard Video Compression All Audio Compression Audio Compre			Third-party Camera Access	Pa		
Scene Changing by Recorder 1 channel 1 channel Network Network Network Protocol Audio Compression G.7 Irregular Black Block Masking Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 108	,	white		Compression Standard		
Recorder I channel Audio Compression G.71 Irregular Black Block Masking Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps. Record Mode G.71 Network Mobile Phone Access Interoperability ONV Browser Recording Playback Record Mode General Mode General Mode			Video Compression	AI Co		
Irregular Black Block Masking by Recorder Audio and Video Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps. Recording Playback Record Mode General Input Audio and Video Interoperability Notwork Protocol Mobile Phone Access Interoperability ONVI Browser Recording Playback General Input Record Mode General Input Audio and Video Audio and Video Analog Camera Input 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fp		1 channel	Audio Compression	G.71		
Irregular Black Block Masking by Recorder 1 channel Network Protocol Pons; Serve came Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps. Record Mode HTTP; DNS; DNS; Serve came Interoperability ONVII Browser Chrore Recording Playback 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps.	Irregular Black Block I	Masking	Network			
Analog Camera Input 16 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps; 720p@25/30 fps. Camera Input 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 720p@50/60 fps; 720p@50/60 fps; 720p@25/30 fps; 1080p@25/30 fps; 720p@50/30 fps; 720p@25/30 fps; 720p@50/30 f	Irregular Black Block		Network Protocol	DNS;		
Analog Camera Input detect Interoperability ONV 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30 fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps. Record Mode Gen	Audio and Video					
1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps. Record Mode Ger		detect 1. CVI: 5 MP@25 fps; 5 MP@20 fps; 5 MP@10/12.5 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps;	Mobile Phone Access	iOS		
4 MP@25/30 fps; 1080p@25/30 fps; 720p@50/60 fps; 720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps. Record Mode Gen			Interoperability	ON		
720p@25/30fps. 2. TVI: 5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 720p@25/30 fps. Record Mode Gen			Browser	Chr		
1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; Record Mode 720p@25/30 fps.			Recording Playback			
Recording Playback 1/4.				Ger		
			Recording Playback	1/4/		

Backup Method	USB device and network
Playback Mode	Instant playback; general playback; event playback; tag playback; smart playback
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	
Audio Input	1-channel RCA 16-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way Talk	Yes (share the same audio input with the first channel)
Disk Interface	$1\mbox{SATA}$ port, up to $16\mbox{TB}.$ 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, 2 A
Power Consumption	<12 W (without HDD)
Net Weight	1.00 kg (2.20 lb)
Gross Weight	1.55 kg (3.42 lb)
Product Dimensions	260.0 mm × 237.8 mm × 47.6 mm (10.24" × 9.36" × 1.87") (W × D × H)
Packaging Dimensions	344.0 mm \times 89.0 mm \times 287.0 mm (13.54" \times 3.50" \times 11.30") (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-LVD: IEC 62368-1:2014 CE-EMC: EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, EN 55024:2010+A1:2015, EN 50130-4:2011+A1:2014

Ordering Information	rdering Information					
Туре	Model	Description				
DIGITAL VIDEO RECORDER	DH-XVR5116HS-5M-I3	16CH Penta-brid 5MP Compact 1U 1HDD WizSense Digital Video Recorder				

Accessories

Optional:







DHI-SSD-V800S256G SSD

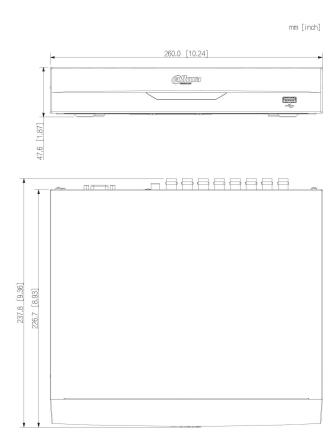
DHI-SSD-V800S512G SSD

DHI-SSD-V800S1TB SSD

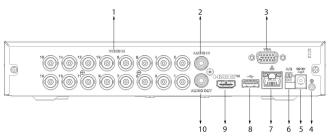


DHI-ARB1606 Alarm Box

Dimensions (mm[inch])



Panels



- 1 VIDEO IN3 VGA Port
- 3 VGA Port5 Power Input
- 7 Network Port9 HDMI Port
- 2 AUDIO IN, RCA Connector
- 4 Ground
- 6 RS-485 Port
- 8 USB Port
- 10 AUDIO OUT, RCA Connector