



# XVR5104HS-5M-13

# 4CH 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.

- 1-channel QuickPick 2.0 for analog channels which improves the efficiency of target retrieval.
- 4-channel SMD Plus for analog channels or 6-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.
- 1-channel face recognition for analog channels which supports face comparison.
- 4-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 6-channel IP camera input and each channel can be up to 6 MP. The incoming bandwidth reaches 32 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.

Value   Valu	Technical Specificatio	n		3. AHD: 5 MP@20 fps; 4 MP@25/30 fps; 1080p@25/3
Package   Pack	System			fps; 720p@25/30 fps.
Dispatching   Interface   Methodocal Imax   Me	Main Processor	Industrial-grade processor		2 IP channels by default + 4 channels (analog channels are converted to IP channels) Incoming bandwidth: 32 Mbps, recording bandwidth: 32 Mbps and outgoing bandwidth: 32 Mbps *After IP extension is enabled, Video Quality Analytics, Scene Changing, Face Recognition, Face Detection,
	Operating System	Embedded Linux		
Second Processing   Seco	Operating Interface	Web; Local GUI	IP Camera Input	
Duesting	Quick Pick			
Perimeter Protection   Adams travers   Channels   Cha	QuickPick 2.0 Al by			
### Preferred Protection  ### Advanced Mode: 2 channels, 10 IVS rules for each channels  ### Advanced Mode: 2 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels, 10 IVS rules for each channels  ### Canada Mode: 4 channels  ### Canad	Recorder (Number of Channels)	1 channel		
Annable   Camera   Mode   Ca	Perimeter Protection			
Face Detection	Perimeter Performance AI by Recorder (Number of Channels)	channel General Mode: 4 channels, 10 IVS rules for each		4M-N/1080p@(1 fps-15 fps); 1080N/720p/960H/D1/CIF@(1 fps-25/30 fps); Sub stream: D1/CIF@(1 fps-15 fps);
Face Action by Sampling a character of Al by Seconder (Number of Lahannels) and Sampling a character of Al by Seconder (Number of Lahannels) and Sampling a character of Al by Seconder (Number of Lahannels) and Sampling a character of Al by Seconder (Number of Lahannels) and Sampling a character of Al by Seconder (Number of Lahannels) and Sampling a character of Al by Sampling and Sampling a character of Al by Sampling a character of Al by Sampling and Sampling a character of Al by Sampling a Sam	Face Detection		Encoding Capacity	Main stream:  5 MP@(1 fps-12 fps); 5M-N/4M-N/1080p@(1 fps-25 fps); 1080N/720p/960H/D1/CIF@(1 fps-30 fps);  Sub stream: D1/CIF@(1 fps-15 fps);  It changes to D1/CIF@(1 fps-7 fps) when Main stream is 5 MP/5M-N.  *When Encode Enhancement is enabled,Video Quality Analytics, Scene Changing, Face Recognition, Face
is changes to DX/CF9(17ps 7 ps) when Main stream 5 kP/PSNN and 1 channel (up to 8 face images/s each channel)  Face Recognition  Face Reco	Face Attributes	6 attributes		
Face Recognition Performance of Al by Recorder (Number of Channels)  Audio Sampling 8 kHz, 16 bit Audio Bit Rate 32 kbps-6144 kbps  Face Recognition Plus by Recorder (Number of Channels)  Audio Sampling 8 kHz, 16 bit Audio Bit Rate 64 kbps  Audio Sampling 8 kHz, 16 bit Audio Bit Rate 64 kbps  Audio Bit Rate 65 kbps  Audio Bit Rate 65 kbps  Audio Bit Rate 66 kbps  Audio Bit Rate 66 kbps  Audio Bit Rate 67 kbps  Audio Audio Bit Rate 67 kbps  Audio Audio Bit Rate 67 kbps  Audio Cuptut 10 kbps  Audio Audio Bit Rate 67 kbps  Audio Au	Face Detection Performance of AI by Recorder (Number of Channels)	1 channel (up to 8 face images/s each channel)		
Video Bit Rate 32 kbps-6144 kbps  Audio Sampling 8 kHz, 16 bit  Audio Bit Rate 64 kbps  SMD Plus  Audio Bit Rate 64 kbps  Audio Bit Rate 64 kbps  Multi-Screen Planting 100, 100, 1280 × 1	Face Recognition			cannot be used.
Performance of Al by Recorder (Number of Channels)  Audio Sampling	Face Database Capacity	Up to 10 face databases with 10,000 images.	Dual-stream	Yes
Recorder (Number of Channels)  Audio Sampling 8 kHz, 16 bit  Audio Bit Rate 64 kbps  Audio Bit Rate 64 kbps  1 HDMI, 1 VGA HDMI: 3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 1024, 1280 ×	Face Recognition Performance of Allby		Video Bit Rate	32 kbps–6144 kbps
Addio Bit Rate 64 kbps  Addio Bit Rate 64 kbps  1 HDMI, 1 V6A  1 HDMI: 38/30 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  V6A: 1920 × 1080, 1280 × 1024, 1280 × 720  When IP extension mode enabled: 1/4/6  When IP extension mode enabled: 1/4/6  Third-party Camera Access  Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF  Compression Standard  Video Compression Standard  Video Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Cod	Recorder (Number of	1 channel	Audio Sampling	8 kHz, 16 bit
A channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change  SMD Plus by Camera 6 channels  Al Video Quality Analytics  Al Video	·		Audio Bit Rate	64 kbps
Multi-screen Display When IP extension mode enabled: 1/4/6 Third-party Camera Access Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF  Al Video Quality Analytics by Recorder  Al Video Quality Analytics by Recorder  Al Video Quality Analytics by Recorder  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Compression Standard  Video Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265  Audio Compression  Al Coding; Smart H.265+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265  Audio Compression  Al Coding; Smart H.265+; H.266  Audio Compression  Al Coding; Smart H.265+; H.266  Audio Compression  Al Coding; Smart	SMD Plus by Recorder	reducing false alarms caused by leaves, rain and lighting	Video Output	HDMI: 3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 1024, 1280 × 720
Al Video Quality Analytics  Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Al Video Quality Analytics Al Video Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.264+; H.264 Audio Compression Al Coding; Smart H.264+; H.264	SMD Plus by Camera	6 channels	Multi-screen Display	
A Video Quality Analytics by Recorder  A Channels: Supports detecting brightness levels, color cast, defocus, overexposure, contrast levels, black and white  Video Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Audio Compression  G.711a; G.711u; PCM  Network  I channel  Network  Audio Compression  Network  I channel  Audio Compression  Network  I channel  Network  Network Protocol  Mobile Phone Access  iOS; Android  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  1.5 MP(2560 x 1944)@20 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; 1	Al Video Quality Analy	ytics	, ,	
Compression Staffidard white  Video Compression Al Coding; Smart H.265+; H.265; Smart H.264+; H.264  Scene Changing Scene Changing by Recorder  1 channel  Network  Irregular Black Block Masking  1 channel  Network Protocol  Network Protocol  Audio and Video  Analog Camera Input  4 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect  1 channel  1 channel  1 channel  1 channel  Analog Camera Input  Analog Camera Input  1 channel  Analog Camera Input  Analog Camera I		cast, defocus, overexposure, contrast levels, black and		
Audio Compression G.711a; G.711u; PCM  Recorder 1 channel Network  Irregular Black Block Masking  rregular Black Block Masking  rregular Black Block Masking  Audio and Video  Analog Camera Input  4 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect  Analog Camera Input  1 c. 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 sp; 1080p@25/30 fps; 1080p@25/	by Recorder		Compression Standar	rd _
Audio Compression  Audio Compression  G.711a; G.711u; PCM  Network  Network  I channel  Network Protocol  Network Protoc	Scene Changing		·	Al Coding; Smart H.265+; H.265; Smart H.264+; H.264
Network  Network  Network  Network  Network  Network Protocol  Net	Scene Changing by		·	G.711a; G.711u; PCM
Network Protocol  Network Prot	Recorder	1 channel	Network	
Network Protocol Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)  Audio and Video  Analog Camera Input  4 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@25/30 fps; 1080p@25/30 fps; 5 MP(2960 x 1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps;	Irregular Black Block I	Masking		
Analog Camera Input  4 BNC ports, supports HDCVI/AHD/TVI/CVBS autodetect  Browser  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; 8 Record Mode  Record Mode  General; alarm; motion detection; intelligent; POS Recording Playback  1/4	Irregular Black Block Masking by Recorder	1 channel	Network Protocol	Server; P2P; Auto Registration; IP Search (Supports IP
Analog Camera Input  detect  Browser  Chrome; IE; Safari; Edge; Firefox  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; Record Mode  General; alarm; motion detection; intelligent; POS 1/4	Audio and Video		Mobile Phone Access	iOS; Android
## Browser Chrome; IE; Safari; Edge; Firefox  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;  **Record Mode General; alarm; motion detection; intelligent; POS Recording Playback 1/4	Analog Camera Input	4 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-	Interoperability	ONVIF 24.06 (Profile T; Profile S; Profile G); CGI; SDK
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; Record Mode General; alarm; motion detection; intelligent; POS Recording Playback 1/4	, and tog currer a mput	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;	Browser	Chrome; IE; Safari; Edge; Firefox
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; Record Mode General; alarm; motion detection; intelligent; POS 1/4	Camera Input		Recording Playback	
1665)@20 fps; 4 MP@25/30 fps; 1080p@25/30 fps; Recording Playback 1/4			Record Mode	General; alarm; motion detection; intelligent; POS
/ 2Up@ 25/3U tps.			Recording Playback	1/4
Backup Method USB device and network		/2up@25/30 tps.	Backup Method	USB device and network

Dlauback Mark	Instant playback; general playback; event playback; tag			
Playback Mode	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 4-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 TB. This limit varies depending on the environment temperature.			
RS-485	1			
USB	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)			
HDMI	1			
VGA	1			
Network Port	1 (10/100 Mbps Ethernet port, RJ-45)			
General				
Power Supply	12 VDC, 1.5 A			
Power Consumption	<5 W (without HDD)			
Net Weight	0.84 kg (1.85 lb)			
Gross Weight	1.37 kg (3.02 lb)			
Product Dimensions	260.0 mm $\times$ 237.8 mm $\times$ 47.6 mm (10.24" $\times$ 9.36" $\times$ 1.87") (W $\times$ D $\times$ 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					
Туре	Model	Description			
DIGITAL VIDEO RECORDER	DH-XVR5104HS-5M-I3	4CH Penta-brid 5MP Compact 1U 1HDD			

Туре	Model	Description
		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])



