



DH-XVR5108HS-I3

8CH Penta-brid 5MP Value/1080P 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-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 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.

- * The information below only applies to hardware version 3.0. of the product.
- 8-channel SMD Plus for analog channels or 12-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.
- 8-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 12-channel IP camera input and each channel can be up to 6 MP. The incoming bandwidth reaches 64 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.

Al 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.

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.

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Camera Input 4 IP channels by default +8 channels (analog channels		
are converted to IP channels!	IP Camera Input	·

POILS	
Audio Input	1-channel RCA 8-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 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, 2A	
Power Consumption	<7 W(without HDD)	
Net Weight	0.97 kg (2.14 lb)	
Gross Weight	1.39 kg (3.07 lb)	
Product Dimensions	260.0 mm \times 237.8 mm \times 47.6 mm (10.24" \times 9.37" \times 1.87") (W \times D \times H)	
Packaging Dimensions	333.0 mm \times 89.0 mm \times 315.0 mm (13.11" \times 3.50" \times 12.40") (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: IEC 62368-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024, EN 55035	

Ordering Information					
Туре	Model	Description			
DIGITAL VIDEO RECORDER	DH-XVR5108HS-I3	8CH Penta-brid 5MP Value/ 1080P Compact 1U 1HDD WizSense Digital Video Recorder			

Accessories

Optional:







DHI-SSD-V800S256G SSD

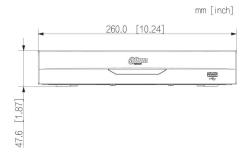
000S256G DHI-SSD-V800S512G D SSD

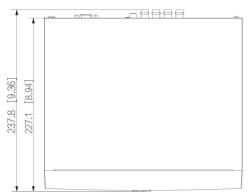
DHI-SSD-V800S1TB SSD



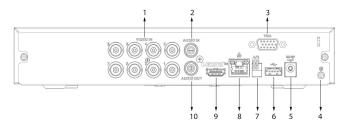
DHI-ARB1606 Alarm Box

Dimensions (mm[inch])





Panels



1 VIDEO IN

3 VGA Port

5 Power Input 7 RS-485 Port

9 HDMI Port

2 AUDIO IN, RCA Connector

4 Ground

6 USB Port

8 Network Port

10 AUDIO OUT, RCA Connector