

# DH-XVR4116HS-I

## 16 Channels Penta-brid 720P Compact 1U 1HDD WizSense Digital Video Recorder



### Wiz Sense

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, XVR4000-I 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

### **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.

### **Smart Dual Illuminators**

With Smart Dual Illuminators technology, you can select Smart Illumination Mode for the system to automatically switch between IR mode and white light mode. It allows white light to be turned on when a target is detected by the SMD Plus/Perimeter Protection function of AI-enabled XVR. This significantly reduces light pollution at night. Together with other modes, including IR Mode and White Light Mode, the smart dual illumination technology can meet the requirements of a wide variety of scenes.

### **One-click Arming/Disarming**

With just one click, you can enable or disable alarm linkages to show messages, send emails, output audio alarms and more, through the mobile app and platform.

- H.265+/H.265 video compression
- Supports Full-channel AI-Coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 18 channels IP camera inputs, each channel up to 6MP; Max
  64 Mbps Incoming Bandwidth
- · Long transmission distance over coax cable
- Up to 8 channels video stream (analog channel) SMD Plus



### **Customizable Alarm Audio**

Designed for your convenience, the TiOC alarm can be customized to meet your needs. It is flexible, allowing you to directly upload your customized audio through the mobile app and XVR.

### AI Coding

Compared with H.265/H.264, AI coding can reduce more than 50% bit rate and storage requirements without loss of decoding compatibility, providing clear human and vehicle details.

### Smart H.265+

Smart H.265+ Codec reduces bit rate and storage requirements by up to 90%, outranking standard H.264 video compression and eliminating the need to invest in a new camera.

### Long-distance Transmission

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

### Audio over Coax

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



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### **Technical Specification** System Main Processor Industrial-grade processor Embedded Linux **Operating System** Web; Local GUI **Operating Interface** SMD Plus 8-channel: Secondary filtering for human and motor SMD Plus by Recorder vehicle, reducing false alarms caused by leaves, rain and lighting condition change Audio and Video 16 channels, BNC: adaptive access by default; HDCVI, Analog Camera Input AHD, TVI and CVBS access can be configured. 1. CVI: 1080p@ 25/30 fps, 720p@25/30 fps 2. TVI: 1080p@ 25/30 fps, 720p@25/30 fps Camera Input 3. AHD: 1080p@ 25/30 fps, 720p@25/30 fps 4. CVBS: PAL/NTSC Up to 18 channels of IPC access 2 IP channels by default + 16 channels (analog channels are converted to IP channels) IP Camera Input incoming bandwidth: 64 Mbps, recording bandwidth: 64 Mbps and outgoing bandwidth: 64 Mbps \*After IP channels are added beyond the existing channels, the AI Function (SMD) will be disabled. Main Stream: the 1st channel 1080N/720p (1 fps-25/30 fps), others 1080N/720p (1 fps-15 fps); 960H/D1/CIF (1 fps-25/30 **Encoding Capacity** fps) Sub steram: CIF (1 fps-7 fps) Dual-stream Yes 32 kbps-6144 kbps Video Bit Rate Audio Sampling 8 kHz, 16 bit Audio Bit Rate 64 kbps 1 HDMI, 1 VGA Video Output HDMI/VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 Multi-screen Display 1/4/8/9/16 Third-party Camera ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Access Samsung **Compression Standard** Video Compression AI Coding; H.265+; H.265; H.264+; H.264 Audio Compression G.711a; G.711u; PCM Network HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; Network Protocol DNS; DDNS; P2P Mobile Phone Access iOS; Android Interoperability ONVIF 21.06; CGI Conformant Chrome Browser IE9 or later Firefox Network Mode Single-address mode **Recording Playback**

General, motion detection, alarm

Playback ModeInstagAlarmMotionAnomaly AlarmNo offAnomaly AlarmRecoAlarm LinkageRecoPortsInstagAudio InputInstagAudio OutputInstagTwo-way TalkYesHDD InterfaceInstagUSBInstagVGAInstagNetwork PortInstagGeneralInstagYogaInstagPower SupplyInstagNet WeightInstagProduct DimensionsInstagParkaging DimensionsInstagInstageInstagParkaging DimensionsInstagInstageInstagInstageInstagParkaging DimensionsInstagInstageInstagInstageInstagInstageInstagInstageInst	device and network nt playback, general playback, event playback, tag lack on detection, video loss, tampering sk, disk error, low space, offline, ip conflict, MAC
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Product Dimensions (10.2 Packaging Dimensions 333.	kg (3.26 lb)
Packaging Dimensions	) mm × 237.9 mm × 47.6 mm 4'' × 9.37'' × 1.87'') (W × D × H)
	0mm × 315.0mm × 89.0mm(13.11" × 12.40" × ) (W× D × H)
Operating Temperature -10 °	C to +55 °C (+14 °F to +131 °F)
Operating Humidity 0%-9	
Installation Desk	00% (RH)
Certifications FCC: CE: C CE: C CE-EI EN5C	

Record Mode

Туре

16 Channels

WizSense XVR

**Ordering Information** 

Model

DH-XVR4116HS-I

Description

16 Channels Penta-brid 720P Compact

1U Digital Video Recorder

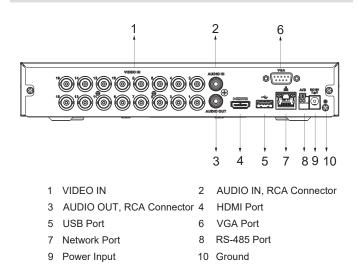
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### Dimensions (mm[inch])

# 260. 0 [10. 24]

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	227.1 237.9

### Panels



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