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## Overview

Dahua XVR5116HS-X is the 16 Channel Penta-brid 1080P Compact 1U Digital Video Recorder.

### Quick Spec

Table 1 shows the quick spec.

<b>Model</b>	XVR5116HS-X
<b>Type</b>	16 Channel Penta-brid 1080P Compact 1U Digital Video Recorder
<b>Analog Camera Input</b>	16 Channel, BNC
<b>Recording Compression</b>	H.265+/H.265/H.264+/H.264
<b>IP Camera Input</b>	16+8 Channel, each channel up to 6MP
<b>Display Resolution</b>	HDMI: 3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
<b>Network Interface</b>	1 RJ-45 Port (1000M)
<b>Power Supply</b>	DC12V/2A

### Product Details

**Dahua XVR5116HS-X** is a HDCVI (High Definition Composite Video Interface) Recorder. HDCVI Recorders, as a part of an HDCVI system, are widely used in applications where existing infrastructure is available and users have a need for the latest technologies like 4MP/4K resolution, IoT over coax, Power over Coax (PoC), and more.

**Dahua XVR5116HS-X provides these features:**

- > H.265+/H.265 dual-stream video compression
- > Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- > Max 24 channels IP camera inputs, each channel up to 6MP; Max 96 Mbps Incoming Bandwidth
- > Smart Search and Intelligent Video System

### Compare to Similar Items

Table 2 shows the comparison.

Model	<a href="#">XVR5216AN-X</a>	<a href="#">XVR5432L-X</a>	<a href="#">XVR5108HS-X</a>	XVR5116HS-X
<b>Type</b>	16 Channel Penta-brid 1080P Digital Video Recorder	32 Channel Penta-brid 1080P 1.5U Digital Video Recorder	8 Channel Penta-brid 1080P Compact 1U Digital Video Recorder	16 Channel Penta-brid 1080P Compact 1U Digital Video Recorder
<b>Analog Camera Input</b>	16 Channel, BNC	32 Channel, BNC	8 Channel, BNC	16 Channel, BNC
<b>Recording Compression</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>IP Camera Input</b>	16+8 Channel, each channel up to 6MP	32 Channel, each channel up to 8MP	8+4 Channel, each channel up to 6MP	16+8 Channel, each channel up to 6MP

<b>Display Resolution</b>	HDMI:3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720	HDMI 1:3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 HDMI 2 / VGA: 1920×1080, 1280×1024, 1280×720 1920×1080, 1280×1024, 1280×720	HDMI:1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720	HDMI: 3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
<b>Network Interface</b>	1 RJ-45 Port (1000M)	1 RJ-45 Port (1000M)	1 RJ-45 Port (100M)	1 RJ-45 Port (1000M)
<b>Power Supply</b>	DC12V/4A	AC100V-240V, 50/60Hz	DC12V/2A	DC12V/2A

## Get More Information

Do you have any question about the XVR5116HS-X?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

DH-XVR5116HS-X Specification	
<b>System</b>	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
<b>Video and Audio</b>	
Analog Camera Input	16 Channel, BNC
HDCVI Camera	5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
AHD Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps
TVI Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	16+8 Channel, each channel up to 6MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA
<b>Recording</b>	
Compression	H.265+/H.265/H.264+/H.264
Resolution	5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF
Record Rate	Main stream:5M-N(1~10fps), 4M-N/1080P(1~15fps), 1080N/720P/960H/D1/CIF (1~25/30fps) Sub stream: D1/CIF(1~15fps)
Bit Rate	32Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Audio Compression	AAC(only for the 1st channel), G.711A, G.711U, PCM
Audio Sample Rate	8KHz, 16 bit Per Channel
Audio Bit Rate	64Kbps Per Channel
<b>Display</b>	
Interface	1 HDMI ,1 VGA
Resolution	HDMI:3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Multi-screen Display	When IP extension mode not enabled: 1/4/8/9/16 When IP extension mode enabled: 1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Network</b>	
Interface	1 RJ-45 Port (1000M)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P,IP Search (Supports Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant
<b>Video Detection and Alarm</b>	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A
<b>Playback and Backup</b>	
Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
<b>Storage</b>	
Internal HDD	1 SATA Port, up to 10TB capacity
eSATA	N/A
<b>Auxiliary Interface</b>	
USB	1 USB 2.0 , 1 USB 3.0
RS232	N/A
RS485	1 Port, for PTZ Control

Electrical	
Power Supply	DC12V/2A
Power Consumption (without HDD)	<15W
Construction	
Dimensions	Compact 1U, 260×236×48mm(10.2"×9.3"×1.9")
Device with PFH101 Rack Mount Tray	483mmx281mmx56mm (19.0"x11.1"x2.2")
Installation	Desktop installation
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 10%~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
Certifications	
Certifications	FCC: Part 15 Subpart B
	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
	UL: UL 60950-1

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