

XVR5116HS-I3

Dahua XVR5116HS-I3 16 kanal XVR 5MP; 1HDD; 16TB;



Specifications

Model	XVR5116HS-I3
Brand	Dahua
Növ	XVR
Kanal say?	16 kanal
Meqapixel	5 MP
Max HDD say?	1 HDD
Max HDD h?cmi	16 TB

KEY FEATURES

System

Main Processor	Embedded processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI
Perimeter Protection	
Perimeter Performance AI by Recorder (Number of Channels)	Advanced Model: 2 channel, 10 IVS for each channel General Model: 4 channels, 10 IVS for each channel

Face Detection

Face Attributes	Gender; age group; glasses; expressions; face mask; beard
Face Detection Performance of AI by Recorder (Number of Channels)	2 channels (up to 12 face images/s)
Face Recognition	
Face Database Capacity	Up to 10 face databases with 10000 face images in total. Name, gender, birthday, address, certificate type, cerificate No., countries@ions and state can be added to each face picture
Face Recognition Performance of AI by Recorder (Number of Channels)	2 channels

SMD Plus

SMD Plus by Recorder	16 channels: Secondary filtering for human and motor vehicle SMD Plus, reducing false alarms caused by leaves, rain and lighting condition change
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Audio and Video

Analog Camera Input	16 BNC ports, CVI access by default, supports HDCVI/AHD/TVI/CVBS auto-detect
Camera Input	1. CVI: 5MP@20fps, 5MP@25fps, 5MP@10/12.5fps, 4MP@25/30fps, 1080p@25/30fps, 720p@50/60fps, 720p@25/30fps. 2. TVI: 5MP@20fps, 4MP@25/30fps, 1080p@25/30fps, 720p@25/30fps. 3. AHD: 5MP@20fps, 4MP@25/30fps, 1080p@25/30fps, 720p@25/30fps.

IP Camera Input

Up to 24 channels of IPC access

8 IP channels by default + 16 channels (analog channels are converted to IP channels)

incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps

*After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.

Encoding Capacity

Main stream:

5MP Mode: 4-ch 5MP@(1-6fps); other channels 5M-N@(1-12fps)

5M-N Mode:

All channel 5M-N@(1-12fps);4M-N,1080p@(1-15fps); 1080N, 720p, 960H, D1,CIF@(1-25/30fps)

Sub stream: D1, CIF@(1-15fps)

Dual-stream

Yes

Video Frame Rate	PAL: 1 fps–25 fps. NTSC: 1 fps–30 fps.
Video Bit Rate	32 Kbps–6144 Kbps Per Channel
Audio Sampling	8 KHz, 16 bit
Audio Bit Rate	64 Kbps
Video Output	1 HDMI ,1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 It changes to 1920 × 1080, 1280 × 1024, 1280 × 720 when Face or IVS&SMD is selected in AI Mode.
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
Third-party Camera Access	Onvif, Panasonic, Sony, Axis, Arecont, Pelco, Canon, Samsung
Compression Standard	
Video Compression	AI Coding/H.265+/H.265/H.264+/H.264
Audio Compression	G.711A/G.711u/PCM
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; IPv6; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)
Mobile Phone Access	iPhone, iPad, Android
Interoperability	ONVIF 22.12(Profile T; Profile S; Profile G); CGI; SDK
Browser	Chrome, IE9 or above, Firefox
Network Mode	Single-address mode
Recording Playback	
Record Mode	General, motion detection; intelligent; alarm; POS
Recording Playback	1/4/9/16 It changes to 1/4/9 split when Face or IVS&SMD is selected in AI Mode.
Backup Method	USB Device/Network
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Alarm	
General Alarm	Motion detection, Video Loss, tampering
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Intelligent Alarm	Face detection, face recognition, perimeter protection
Alarm Linkage	Record, snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, preset, email
Ports	
Audio Input	1-channel RCA (external) 16-channel BNC (coaxial audio)
Audio Output	1-channel RCA
Two-way Talk	Yes (share the same audio input with the first channel)
HDD Interface	1 SATA Port, up to 16TB, the maximum HDD capacity varies with environment temperature
RS-485	1 Port, for PTZ Control
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	© 2026 Dahua. All rights reserved. Eurotechnology
Power Supply	DC12V. 2A