

XVR1B16H-I

Video recorder XVR1B16H-I

16-channel 1080P Penta-brid HD-CVI video recorder
Audio: 16 / 1
Video compression: AI Encoding / H. 265+ / H. 265 / H. 264+ / H. 264
Audio Compression:G. 711A / G. 711u / PCM4
1 SATA port, up to 16 TB for a single hard drive
Dimensions: Compact 1U, 260.0 mm × 231.4 mm × 47.6 mm

Number of channels	16 channel
Type	XVR
Megapixel	5 MP
Max HDD count	1 HDD
Max HDD capacity	16 TB



Model	XVR1B16H-I
System	
Main Processor	Built-in processor
Operating system	Embedded Linux OS
SMD Plus	
SMD Plus from the registrar	Full-channel SMD Plus (AI with logger), secondary filtering for people and cars SMD Plus, reducing false positives caused by leaves, rain and changing lighting conditions
Audio and Video	

Analog Camera input	16 channels, BNC: Adaptive access by default; You can configure HDCVI, AHD, TVI, and CVBS access.
Camera Input	1. CVI: 5 MP, 4 MP, 1080P 25 / 30 fps, 720P 50 / 60 fps, 720P 25 / 30 fps. 2. TVI: 5 MP, 4 MP, 3 MP, 1080P 25 / 30, 720P 25 / 30 fps. 3. AHD: 5MP, 4MP, 3MP, 1080P 25 / 30, 720P 25 / 30 fps.
Log in to the IP camera	16+8 channels, each channel up to 6 MP
Coding ability	All channels are 5M-N (1fps-10 fps); 4M-N / 1080P (1fps-15fps); 1080N / 720P / 960H / D1 / CIF (1fps-25/30 fps)
Double Stream	Supported (D1 / CIF (1-15 frames per second)
Video frame rate	PAL: 1 fps-25 fps NTSC:1-30 fps
Bit rate	32 Kbit / s - 6144 Kbit / s Per channel
Audio Selection	8 kHz, 16 bits Per channel
Audio Transfer rate	64 Kbps Per channel
Type of data transfer rate	Video stream and composite stream
Video output	1 HDMI ,1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 1920 × 1080, 1280 × 1024, 1280 × 720
Multi-screen display	When IP extension mode is not enabled:1 / 4 / 8 / 9 / 16 When IP extension mode is enabled:1 / 4 / 8 / 9 / 16 / 25
Accessing a third-party camera	Onvif, RTSP, Panasonic, Sony, Axis, Arecont, Pelco, Canon, Samsung
Compression Standard	
Video compression	AI Encoding / H. 265+ / H. 265 / H. 264+ / H. 264
Audio compression	G.711A / G.711u / PCM
Network	
Network Protocol	HTTP, HTTPS, TCP / IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, P2P
Smartphones	iPhone, iPad, Android
Compatibility	ONVIF 16.12, CGI Conformant

Browser	Chrome, IE9 or above, Firefox
Network mode	Unicast mode
Playback of the recording	
Recording mode	Manual, Scheduled (General, Continuous), Motion Detection (Video Detection:Motion Detection, Video Loss, Violation), Alarm, Stop
Playback of the recording	1 / 4 / 9 / 16
Backup method	USB Device / Network
Playback mode	Instant Replay, Shared Replay, Event Replay, Tag Replay, Smart Replay
Anxiety	
General alert	Motion Detection, Video Loss, Violation
Abnormal alarm	No Disk, Disk Error, Out of Space, Offline Mode, IP Conflict, MAC Address Conflict
Connection to an alarm	Recording, Snapshot (Panoramic), IPC External Alarm Output, Access Controller, Voice Prompt, Buzzer, Log, Preset, Email
Ports	
Audio input	1, RCA (external) 16, BNC (Coaxial)
Audio output	1, RCA
Two-line conversation	Yes (Shared audio input with the first channel)
Hard disk Interface	1 SATA port, up to 16 TB for a single hard drive
USB	2 USB ports (2 USB 2.0 ports)
HDMI	1
VGA	1
Network Port	1 (10 / 100 / 1000 Mbps Ethernet Port, RJ-45)
Certificates	
Certificates	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

	FCC:Part 15 Subsection B
Environment	
Operating temperature	-10 °C to +45 °C (+14 °F to +113 °F)
Operating humidity	10 % – 90 %
Electrical properties	
Power supply	DC12V, 2A
Power consumption	Below 12W
General information	
Mounting type	Desktop
Colour	Black
Sizes	Compact 1U, 260.0 mm × 231.4 mm × 47.6 mm (10.24" × 9.11" × 1.87")
Net Weight	0.93 kg (2.05 lb)
Gross Weight	1.43 kg (3.16 lb)