

HXVR-16P108H2-AT



Features and Functions

Key features

- | 16 channels and 2 HDD 1U Acusense DVR
- | Support 4-ch Facial Recognition or 8-ch advanced model Perimeter Protection based on Deep Learning algorithm
- | Support 8-ch Search Technology
- | Encoding ability up to 4K/8 MP @8fps; 3K/5 MP @12fps
- | Up to 32 channels IP camera inputs, each channel up to 8 MP
- | Up to 24*1080P@30fps decoding ability
- | 5 signals input adaptively HDTVI/AHD/CVI/CVBS/IP
- | Support All channels Motion Detection Technology
- | Support All channels HDTVI Two-Way Audio technology

Compression and Recording

- | H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- | Recording at up to 8 MP resolution

Smart Function

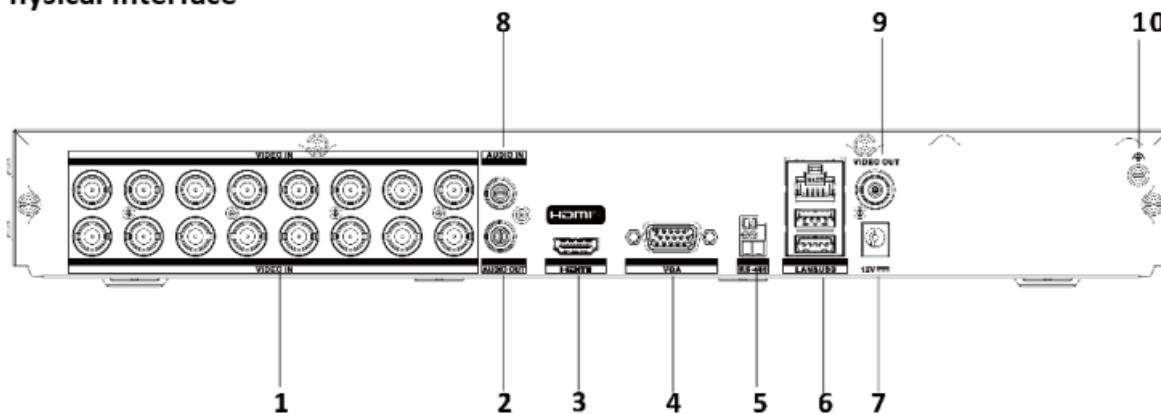
- | Up to 16 channels (analog channel) Motion Detection 2.0
- | Up to 8 channels (advanced model, analog channel) Perimeter Protection
- | Up to 4 channels (advanced model, analog channel) human face recognition
- | Support smart playback to enhance playback efficiency

Network & Ethernet Access

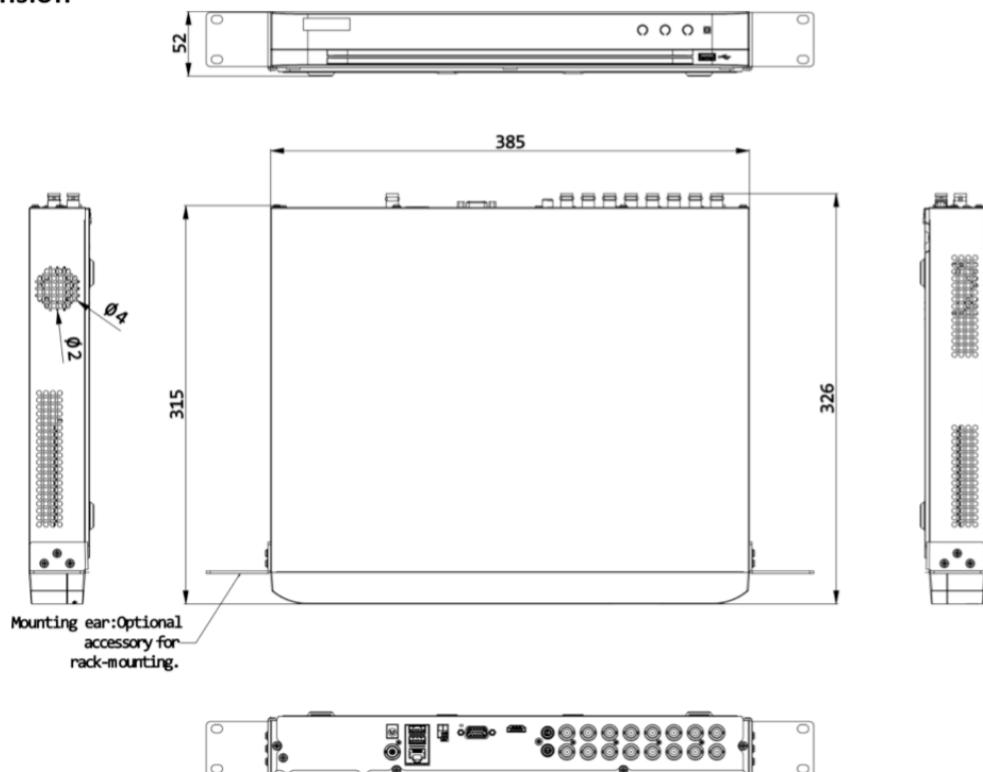
- | CMS-MAZi & DDNS (Dynamic Domain Name System)
- | Output bandwidth limit configurable

Model	HXVR-16P108H2-AT	
Facial Recognition	Face Picture Library	Up to 16 face picture libraries; HDD damage will not cause data loss in the face picture library, because the library has been backed up by HDD and flash.
	Face Picture Comparison	4-ch face picture comparison alarm (HD analog camera)
Motion Detection 2.0	Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported
	Human/Vehicle Analysis	Up to 8-ch
Facial Detection	Facial Detection and Capture	Face picture detection, face picture search; 4-ch face picture capture
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
	Encoding resolution	8 MP/5 MP/3K/4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF
	Frame Rate	<i>Main stream:</i> 8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/8 MP Lite@15 fps/3 MP@18 fps/1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) <i>Sub-stream:</i> WD1/4CIF/CIF @25 fps (P)/30 fps (N)
	Video bit rate	32 kbps to 10 Mbps
	Dual-stream	Support main stream or sub-stream
	Stream type	Video, Video & Audio
	Audio compression	G.711u
	Audio Bit Rate	64 kbps
Decoding	Decoding Capability	up to 24-ch 1080P @30fps
Video and Audio	IP video input	16-ch (up to 32-ch), each up to 8 MP resolution
	Analog video input	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDMI output	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, HDMI/VGA simultaneous output
	VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, HDMI/VGA simultaneous output
	AHD input	5 MP (2560 × 1944)@20 fps, 4 MP (2560 × 1440)@25/30 fps, 1080P @25/30 fps, 720P @25/30 fps
	HDCVI input	8 MP (3840 × 2160) @12/15 fps, 3K (2880×1620) @25fps, 5 MP (2592 × 1944) @20 fps, 4 MP (2560 × 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps
	CVBS input	PAL/NTSC
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDTVI input	8 MP (3840 × 2160) @12/15 fps, 3K (2960 × 1665) @25/20 fps, 3K (3328x1504) @20fps,5
	Video output mode	HDMI/VGA simultaneous output
	Audio input	1-ch (up to 16-ch is optional), RCA (2.0 Vp-p, 1 kΩ), 16-ch via coaxial cable
	Audio output	1-ch, RCA (Linear, 1 kΩ)
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 kΩ) (using the first audio input)

	Synchronous playback	16-ch
Network	Total Bandwidth	256 Mbps
	Remote connection	128
	Network protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, ISUP
	Network interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
	SATA	2 SATA interface, up to 12 TB capacity for each disk
Auxiliary interface	Serial interface	RS-485 (half-duplex)
	Alarm in/out	N/A (optional to support)
	USB interface	<i>Front panel: 1 × USB 2.0; Rear panel: 2 × USB 3.0</i>
General	Power supply	12 Vdc, 5 A
	Consumption (without HDD)	≤ 60 W
	Working temperature	-10 °C ÷ +55 °C (14 °F to 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	385 × 315 × 52 mm (15.1 × 12.4 × 2.0 inch)
	Weight (without HDD)	≤ 2.1 kg (4.6 lb)

▪ Physical Interface


No.	Description	No.	Description
1	Video in	6	LAN network interface and USB interface
2	Audio out	7	12 VDC power input
3	HDMI interface	8	Audio in
4	VGA interface	9	Video out
5	RS-485 interface	10	GND

Dimension

scale/1:1;Unit/mm