

HXVR-04P106H1-AT



Features and Functions

Key features

- | 4 channels and 1 HDD 1U DVR
- | Support 1-ch Facial Recognition or 2-ch Advanced model Perimeter Protection based on Deep Learning algorithm
- | Support 2-ch Search Technology
- | Efficient H.265 pro+ compression technology
- | Encoding ability up to 3K/5 MP Lite @12 fps
- | 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- | Up to 6-ch network cameras can be connected
- | Support All channels Motion Detection Technology
- | Support All channels HDTVI Two-Way Audio Technology

Smart Function

- | Deep learning based human and vehicle targets classification of Motion Detection 2.0
- | Deep learning based perimeter protection

Compression and Recording

- | H.265 Pro+ can be enabled to improve encoding efficiency, and reduce data storage costs
- | Recording at up to 3 K/5 MP Lite resolution

Storage and Playback

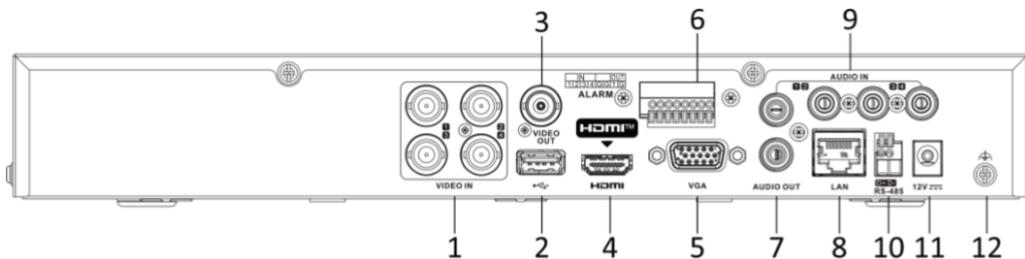
- | Smart search for efficient playback
- | 1 SATA interface (up to 10 TB capacity)

Network & Ethernet Access

- | Compatible with major Wi-Fi dongle products in the market
- | CMS-MAZi & DDNS (Dynamic Domain Name System) for easy network management

Model		HXVR-04P106H1-AT	
Facial recognition	Face Picture Library	Up to 16 Face Picture Libraries	
	Face Picture Comparison	Face Picture Comparison, face picture search; 1-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	
Perimeter Protection	Human/Vehicle Analysis	Up to 2-ch	
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
	Encoding resolution	<u>When 1080p Lite mode is not enabled:</u> 3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF; <u>When 1080p Lite mode is enabled:</u> 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF	
	Frame Rate	<u>Main stream:</u> <u>When 1080p Lite mode not enabled:</u> For 3K stream access: 3K lite @12fps; 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @20fps For 5 MP stream access: 5 MP lite @12fps; 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @20fps For 4 MP stream access: 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @25fps (P)/30fps (N) For 1080p stream access: 1080p/720p @15fps; VGA/WD1/4CIF/CIF @25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF @25fps (P)/30fps (N) <u>When 1080p Lite mode enabled:</u> 3K lite/5 MP lite @12fps; 4 MP lite @15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF @25fps (P)/30fps (N) <u>Sub-stream:</u> WD1/4CIF @12fps; CIF @25fps (P)/30fps (N)	
	Video bit rate	32 kbps to 6 Mbps	
	Dual-stream	Support main stream or sub-stream	
	Stream type	Video, Video & Audio	
	Audio compression	G.711u	
	Audio bit rate	64 kbps	
	Video and Audio	IP video input	2-ch (up to 6-ch), up to 6 MP resolution
		Analog video input	4-ch; BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTV input		3K (2960 x 1665) @25/20 fps, 3K (3328x1504) @20fps, 5 MP (2560 x 1944) @20 fps, 4 MP (2560 x 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps	
AHD input		5 MP (2560 x 1944) @20 fps, 4 MP (2560 x 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps	
HDCVI input		3K (2880x1620) @25fps, 5 MP (2592 x 1944) @20 fps, 4 MP (2560 x 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 x 576, NTSC: 704 x 480	
VGA output		1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, HDMI/VGA simultaneous output	
HDMI output		1-ch, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, HDMI/VGA simultaneous output	
Video output mode		HDMI/VGA simultaneous output	
Audio input		1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 kΩ), 4-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		4-ch	
Network		Total Bandwidth	72 Mbps
	Remote connections	32	
	Network protocols	TCP/IP, PPPoE, DHCP, CMS-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	

	Network interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Auxilliary Interface	SATA	1 SATA interfaces
	Capacity	Up to 10 TB capacity for each disk
	Serial interface	RS-485 (half-duplex)
	USB interface	<i>Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0</i>
	Alarm in/out	N/A
General	Power supply	12 Vdc, 1.5 A
	Consumption (without HDD)	≤ 18 W
	Working temperature	-10 °C ÷ +55 °C (14 °F ÷ 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	315 × 240 × 48 mm (12.4 × 9.5 × 1.9 inch)
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)



No.	Description	No.	Description
1	Video in	7	Audio out
2	USB interface	8	LAN network interface
3	Video out	9	Audio in
4	HDMI interface	10	RS-485 interface
5	VGA interface	11	12 VDC power input
6	Alarmin / alarmout	12	GND

