

## HXVR-04P104H1



### Key Features

- | Deep learning-based motion detection 2.0 for all analog channels
- | Deep learning-based perimeter protection
- | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- | HDTV/AHD/CVI/CVBS/IP video inputs
- | Audio via coaxial cable
- | Up to 8-ch IP camera inputs (up to 8 MP)
- | Up to 10 TB capacity per HDD

### Compression and Recording

- | H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- | Recording at up to 8 MP resolution

### Storage and Playback

- | Smart search for efficient playback
- | Support the third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

### Smart Function

- | Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- | Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

### Network & Ethernet Access

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

Model		HXVR-04P104H1
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 <sup>1</sup>	Human/Vehicle Analysis	Up to 4-ch
Face Detection <sup>1</sup>	Facial detection and capture	1-ch human face capture (HD analog camera)
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
	Encoding resolution	<u>Main stream:</u> 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) <u>Sub-stream:</u> WD1/4CIF/CIF@25 fps (P)/30 fps (N)  <i>8 MP @8 fps is only available for channel 1.</i>
	Video bit rate	32 kbps to 10 Mbps
	Dual stream	Support
	Stream type	Video, Video & Audio
	Audio compression	G.711u
	Audio bit rate	64 kbps
Video and Audio	IP video input <sup>2</sup>	2-ch (up to 6-ch) Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
	Analog video input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVl input	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps  <i>The 8 MP signal input is only available for channel 1.</i>
	AHD input	5 MP, 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
	HDCVI input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
	CVBS input	PAL/NTSC
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	VGA output	1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz HDMI/VGA simultaneous output
	HDMI output	1-ch, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz
	Video output mode	HDMI/VGA simultaneous output
	Audio input	1-ch, 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 audio input)
	Synchronous playback	4-ch
Network	Remote connections	32
	Network protocols	TCP/IP, PPPoE, DHCP, CTR-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
	Network interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
	Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB 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:</i> 1 × USB 2.0 <i>Rear panel:</i> 1 × USB 2.0
	Alarm in/out	N/A
General	Power supply	12 Vdc, 1.5 A
	Consumption (without HDD)	≤ 10 W
	Working temperature	-10 °C ÷ +55 °C (14 °F ÷ 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	315 × 242 × 44 mm (12.4 × 9.5 × 1.8 inch)
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)

**Note:**

1: Motion detection 2.0, perimeter protection and facial detection cannot be enabled at the same time. Enable one function will make the other two unavailable.

2: Enhanced IP mode might be conflicted with smart events (face picture comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.