HXVR-08P104H2

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
| HDTVI/AHD/CVI/CVBS/IP video inputs
| Audio via coaxial cable
| Up to 16-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

| 2 SATA interface
| Smart search for efficient playback
| Support the third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

| Deep learning-based motion detection, perimeter protection (line crossing and intrusion detection), or facial 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-08P104H2
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[1]	Human/Vehicle Analysis	Up to 4-ch
Facial Detection[1]	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	*Main stream:* 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) *Sub-stream:* WD1/4CIF/CIF@25 fps (P)/30 fps (N)
	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[2]	4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-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	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
	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 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
	HDMI output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
	Video output mode	HDMI/VGA simultaneous output
	Audio input[3]	1-ch (up to 8-ch is optional), RCA (2.0 Vp- p, 1 KΩ) 8-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	8-ch
Network	Remote connections	64
	Network protocols	TCP/IP, PPPoE, DHCP, CTR-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
	Network interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
	Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxilliary Interface	SATA	2 SATA interfaces
	Capacity	Up to 10 TB capacity for each disk

	Serial interface	RS-485 (half-duplex)
	USB interface	*Front panel*: 1 × USB 2.0 *Rear panel*: 1 × USB 3.0
	Alarm in/out	N/A
General	Power supply Consumption (without HDD)	12 Vdc, 2.8 A ≤ 15 W
	Working temperature	-10 °C ÷ +55 °C (14 °F ÷ 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
	Weight (without HDD)	≤ 1.78 kg (3.9 lb)

Note:

1: Motion detection 2.0 and perimeter protection 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.