HXVR-16P104H2

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 32-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 interfaces
| Smart search for efficient playback
| Support the third-party cloud storage

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-16P104H2
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
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/3K@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@12 fps; 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]	8-ch (up to 24-ch) Enhanced IP mode on: 16-ch (up to 32-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	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI input	8 MP@15 fps, 5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
	AHD input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
	HDCVI input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 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 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 (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	Remote connections	128
	Network protocols	TCP/IP, PPPoE, DHCP, CTR-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
	Network interface	1, RJ45 10/100/1000 M 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[3]	N/A (optional to support)
General	Power supply Consumption (without HDD)	12 Vdc, 5 A ≤ 19 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)	≤ 2.1 kg (4.6 lb)

Note:

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

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

3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.