

HXVR-XXL104H2



Features and Functions

Key Features

- | H.265 Pro+/H.265 Pro/H.265 video compression
- | HDTVI/AHD/CVI/CVBS/IP video input
- | Audio via coaxial cable
- | Up to 8/16/32-ch IP camera inputs (up to 8 MP)
- | Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- | Up to 10 TB capacity per HDD

Compression and Recording

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

Storage and Playback

- | 2 SATA interfaces
- | Smart search for efficient playback
- | Support the third party cloud storage

Smart Function

- | Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- | Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

Network & Ethernet Access

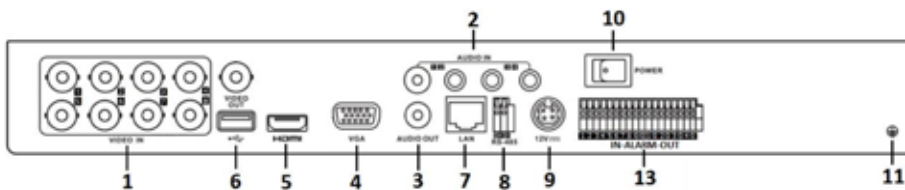
- | CTR-MAZi & DDNS for easy network management
- | Max. 32/64/128 Mbps incoming bandwidth and output bandwidth limit configurable

Model		HXVR-04L104H2	HXVR-08L104H2	HXVR-16L104H2
Perimeter Protection ¹	Line Crossing Detection / Intrusion Detections	2-ch Enhanced VCA mode on: 4-ch	2-ch Enhanced VCA mode on: 8- ch	2-ch Enhanced VCA mode on: 16-ch
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
	Encoding resolution	When 8 MP Lite mode is not enabled: 8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF When 8 MP Lite mode is enabled: 8 MP Lite/5 MP/4 MP/3MP/1080P/720P/WD1/4CIF/VGA/CIF		
	Frame rate	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@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) *: 8 MP@8 fps is only available for channel 1 of HXVR-04L104H2. When 8 MP Lite mode is enabled: 8 MP Lite/5 MP@12 fps/4 MP/3MP/1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for HXVR-04L104H2. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (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	2-ch (up to 6-ch) Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps	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	4 ch	8 ch	16 ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
	AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30		
	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 output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
		4-ch via coaxial cable	8-ch via coaxial cable	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	4-ch	8-ch	16-ch

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Network	Total bandwidth	96 Mbps	128 Mbps	128 Mbps
	Incoming bandwidth (Enhanced IP mode)	Up to 32 Mbps	Up to 64 Mbps	Up to 128 Mbps
	Remote connection	32	64	128
	Network protocol	TCP/IP, PPPoE, DHCP, CTR-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Auxiliary interface	SATA	2 SATA interfaces		
	Capacity	Up to 10 TB capacity for each disk		
	Serial interface	RS-485 (half-duplex)		
	USB interface	2 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	4/1	8/4	16/4
General	Power supply	12 VDC, 3.33 A		12 VDC, 5 A
	Consumption (without HDD)	≤ 10 W	≤ 20 W	≤ 25 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Working humidity	10% to 90%		
	Dimension (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)		
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

1: Enabling enhanced VCA mode will maximize the connectable channel number for perimeter protection (line crossing detection and intrusion detection), but disable 2K/4K HDMI output resolution and 4 MP/5 MP/8 MP signal input.

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



1	Video and Coaxial Audio In	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	12 VDC Power Input
3	AUDIO OUT, RCA Connector	10	Power Switch
4	VGA Interface	11	GND
5	HDMI Interface	12	VIDEO OUT
6	USB Interface	13	Alarm In/Out
7	LAN Network Interface		