

HXVR-16E102H1



Features and Functions

Key Features

- | H.265 Pro+/H.265 Pro/H.265 video compression
- | HDTV/|AHD/CVI/CVBS/IP video input
- | Audio via coaxial cable
- | Up to 24-ch IP camera inputs
- | Max. 800 m for 1080p and 1200 m for 720p HDTV signal
- | Up to 6 TB capacity per HDD

Compression and Recording

- | H.265 Pro+ video compression improves encoding efficiency, and reduces data storage cost
- | Full channel recording at up to 4 MP lite resolution

Storage and Playback

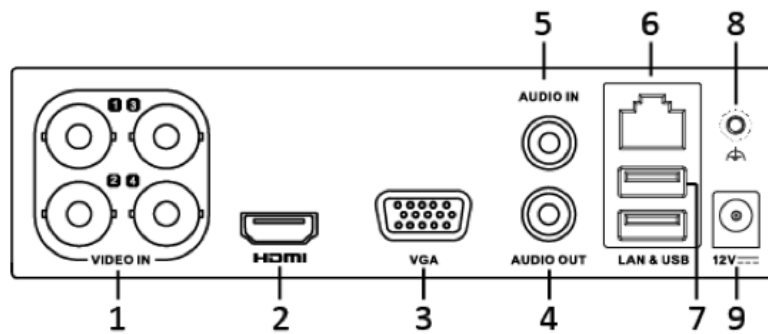
- | Smart search for efficient playback
- | Support the third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Network & Ethernet Access

- | CTR-MAZi & DDNS for easy network management
- | 96 Mbps incoming bandwidth and output bandwidth limit configurable

Model		HXVR-16E102H1
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
	Encoding resolution	When 1080p Lite mode is not enabled: 4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF
	Encoding resolution	<u>Main stream:</u> When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps 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) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) <u>Sub-stream:</u> WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
	Video bitrate	32 Kbps to 6 Mbps
	Dual stream	Support
	Stream type	Video, Video & Audio
	Audio compression	G.711u
Audio bit rate	64 Kbps	
Video and Audio	IP video input	8-ch (up to 24-ch) Up to 6 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
	HDTVl input	4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps [The 3 MP signal input is only available for channel 1/2/3/4]
	AHD input	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	Support
	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
	Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
	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
	SATA	1 SATA interface
Auxiliary Interface	Capacity	Up to 6 TB capacity for each disk
	USB interface	<i>Rear panel:</i> 2 x USB 2.0
General	Alarm in/out	N/A
	Power supply	12 Vdc, 1.9 A
	Consumption (without HDD)	≤ 15 W
	Working temperature	-10 °C ÷ +55 °C (14 °F ÷ 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	285 x 210 x 45 mm (11.2 x 8.3 x 1.8 inch)
	Weight (without HDD)	≤ 1 kg (2.2 lb)

Physical Interface



Index	Description	Index	Description
1	Video IN	6	LAN Network Interface
2	HDMI interface	7	USB Interfaces
3	VGA interface	8	GND
4	Audio OUT, RCA connector	9	12 Vdc Power Input
5	Audio IN, RCA connector		