![MAZi The Security Company logo]

HXVR-08E106H1

Features and Functions

Key features

| Deep learning based human and vehicle targets classification of Motion Detection 2.0
| Deep learning based perimeter protection
| | H.265 Pro+/H.265 Pro/H.265 video compression
| HDTVI/AHD/CVI/CVBS/IP video input
| Audio via coaxial cable
| Up to 12-ch IP camera input (up to 6 MP)
| Encoding ability up to 3K/5M Lite @12 fps

Compression and Recording

| H.265 Pro+ can be enabled to improve encoding efficiency and reduces data storage costs
| Recording at up to 3 K/5 MP Lite resolution

Smart Function

| Deep learning based human and vehicle targets classification of Motion Detection 2.0
| Deep learning based perimeter protection

Storage and Playback

| 1 SATA interface (up to 10 TB capacity per HDD)
| Smart search for efficient playback

Network & Ethernet Access

| CMS-MAZi & DDNS (Dynamic Domain Name System) for easy network management

Model		HXVR-08E106H1
Facial Detection	Facial Detection and Capture	Face picture detection, face picture search
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	Human/Vehicle Analysis	Up to 4-ch
Recording	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
	Encoding resolution	*When 1080p Lite mode is not enabled:* 3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF; *When 1080p Lite mode is enabled:* 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF
	Frame Rate	Main stream: *When 1080p Lite mode not enabled:* For 3K stream access: 3K lite @12fps; 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @20fps For 5 MP stream access: 5 MP lite @12fps; 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @20fps For 4 MP stream access: 4 MP lite/1080p @15fps; 720p/WD1/4CIF/VGA/CIF @25fps (P)/30fps (N) 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:* 3K lite/5 MP lite @12fps; 4 MP lite @15fps;1080p lite/720p lite/ VGA/WD1/4CIF/CIF @25fps (P)/30fps (N) Sub-stream: WD1/4CIF @12fps; CIF @25fps (P)/30fps (N)
	Video bit rate	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	2-ch (up to 10-ch), Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps; Up to 6 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	3K (2960 x 1665) @20 fps, 5 MP (2560 × 1944) @20 fps, 4 MP (2560 × 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps
	AHD input	5 MP (2592 × 1944) @20 fps, 4 MP (2560 × 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps
	HDCVI input	5 MP (2592 × 1944) @20 fps, 4 MP (2560 × 1440) @25/30 fps, 1080P @25/30 fps, 720P @25/30fps
	CVBS input	Support
	VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
	HDMI output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
	Video output mode	HDMI/VGA simultaneous output
	Audio input	1-ch, 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 first audio input)
	Synchronous playback	8-ch
Network	Total Bandwidth	96 Mbps
	Remote connection	64
	Network protocols	TCP/IP, PPPoE, DHCP, CMS-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
	USB interface	*Rear panel*: 2 × USB 2.0
	Alarm in/out	N/A
General	Power supply	12 Vdc, 1.33 A
	Consumption (without HDD)	≤ 12 W
	Working temperature	-10 °C ÷ +55 °C (14 °F ÷ 131 °F)
	Working humidity	10% ÷ 90%
	Dimension (W × D × H)	200 × 200 × 48 mm (7.9 × 7.9 × 1.9 inch)
	Weight (without HDD)	≤ 1 kg (2.2 lb)

Note:

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