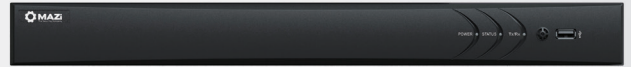# HSVR-04HTP
HSVR-08HTP
HSVR-16HTP

POC - H.265+ MULTI PLATFORM

KEY FEATURES

Video Input and Transmission
- Self-adaptive normal camera and PoC camera connection
- Up to 8-ch 6 MP IP cameras input for HSVR-16HTP
- 8 MP/5 MP/4 MP HDTVI video input and live view for HSVR-08HTP and HSVR-16HTP, and 5 MP/4 MP for HSVR-04HTP
- Long distance transmission over coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI signal, and 200m for PoC camera
- Automatic power supply management for PoC camera to guarantee safety

Compression and Recording
- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce storage costs
- Full channel recording at up to 4 MP lite resolution
- Full channel recording at up to 8 MP resolution for HSVR-08HTP and HSVR-16HTP

Video Output
- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 x 2160) resolution for HSVR-08HTP and HSVR-16HTP
- Separate CVBS output

Storage and Playback
- One SATA interface for HSVR-04HTP, and two SATA interfaces for HSVR-08HTP and HSVR-16HTP (up to 8 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)
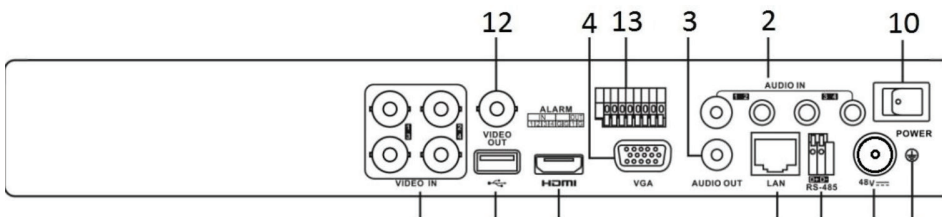
Smart Function
- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access
- Guarding Vision & MAZi DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for HSVR-04HTP, and one RJ45 10M/100M/1000M Ethernet network interface for HSVR-08HTP AND HSVR-16HTP

SPECIFICATION	HSVR-04HTP	HSVR-08HTP	HSVR-16HTP
Video compression	H.265+/H.265/H.264+/H.264		
Analog video input	4-ch	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
Supported HD TVI input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	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	4 MP, 1080p25, 1080p30, 720p25, 720p30		
CVBS input	Support		
PoC camera input	Supports PoC camera Note: Do not unplug or plug the PoC camera if it is powered by the external power supply.		
IP video input	2-ch	4-ch	8-ch
	Up to 6 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras		
Audio compression	G.711u		
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
Video/Audio output			
HDMI/VGA output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	**HDMI**: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz **VGA**: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Encoding resolution	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	

SPECIFICATION	HAVR-04HTP	HAVR-08HTP	HAVR-16HTP
Frame rate	Main stream: 5 MP@12fps/4 MP @15fps/ 3MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps	
	Sub-stream:WD1/4CIF/CIF@25fps		
Video bit rate	32 Kbps to 6 Mbps		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Audio bit rate	64 Kbps		
Dual stream	Support		
Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch
Network management			
Remote connections	32	64	128
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk			
SATA	1 SATA interface	2 SATA interfaces	
Capacity	Up to 8TB capacity		
External interface			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)		
Network interface	1; RJ45 10M/100Mbps self-adaptive Ethernet interface	1; RJ45 10M/100/1000Mbps self-adaptive Ethernet interface	
USB port	2x USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	
Serial interface	RS-485 (half-duplex)		
Alarm in/out	4/1	8/4	4/1
General			
Power supply	48 VDC		100 to 240VAC
Consumption (without HDD)	≤ 40 W	≤ 60 W	≤ 140 W
Working temperature	-10 ºC to +55 ºC		
Working humidity	10% to 90%		
Dimensions(W × D × H)	315 × 242 × 45mm	380 × 320 × 48mm	
Weight(without hard disks)	≤ 1.16 kg	≤ 2 kg	≤ 3.8 kg

1   VIDEO IN
2   AUDIO IN, RCA Connector
3   AUDIO OUT, RCA Connector
4   VGA Interface
5   HDMI Interface
6   USB Interface
7   LAN Network Interface
8   RS-485 Serial Interface
9   48 VDC Power Input
10   Power Switch
11   GND
12   VIDEO OUT
13   Alarm In/Out