HSVR-16HT4

HSVR - H.265+ MULTI PLATFORM

KEY FEATURES

Appearance Design
- Typical chassis design to guarantee the low noise and environment
- Front slot of DVD-R/W for more convenient installation and maintenance

Video Input and Transmission
- Self-adaptive HDTVI, AHD, HDCVI and analog cameras
- 2-ch (up to 18-ch) 8 MP IP cameras input
- 8 MP/5 MP/4 MP HDTVI video input and live view
- Long distance transmission over UTP and coaxial cable

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 data storage costs
- Full channel recording at up to 8 MP resolution
- Supports POS triggered recording and POS information overlay

Video Output
- Simultaneous HDMI1 and VGA output at up to 1920x1080 resolution, and independent HDMI 2 output at up to 4K (3840x2160) resolution
- Separate CVBS output

Storage and Playback
- Four SATA interfaces (up to 8 TB capacity per HDD)
- Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports the 3rd 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 sudden scene change detection of 2-ch analog cameras
- Supports people counting and heat map functions for 1-ch analog camera
- VQD (Video Quality Diagnostics)
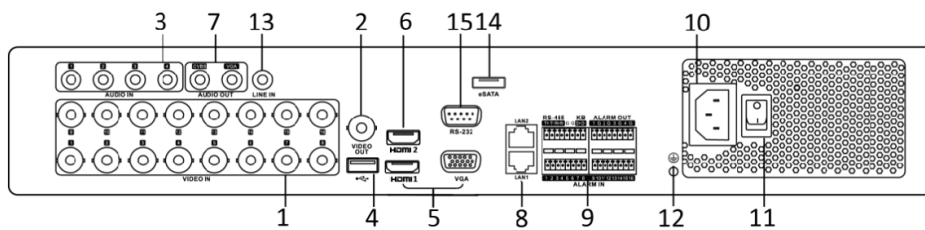- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access
- Guarding Vision & MAZi DDNS (Dynamic Domain Name System) for easy network management
- Two gigabit Ethernet network interfaces
- Output bandwidth limit configurable

SPECIFICATION	HSVR-16HT4
Video/Audio Input	
Video compression	H.265+/H.265/H.264+/H.264
Analog video input	16-CH
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
AHD input	5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30
HDCVI input	4 MP, 720p25, 720p30, 1080p25, 1080p30
CVBS input	Support
IP video input	2-ch (up to 16-ch), Up to 8 MP resolution, Supports H.265+/H.265/H.264+/H.264 IP cameras
Network Bandwidth	260 Mbps
Audio compression	G.711u
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI1/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Encodingresolution	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
Frame rate	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 10 Mbps
Audio output	2-ch, RCA (Linear, 1 KΩ)
Audio bit rate	64 Kbps

SPECIFICATION	HSVR-16HT4
Video/Audio output	
Dual stream	Support
Stream type	Video, Video & Audio
Synchronous playback	16ch
Network management	
Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
Hard disk	
SATA	4 SATA interfaces
eSATA	Support
Capacity	Up to 8 TB capacity for each disk
Disk array	
Array type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
External interface	
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
USB interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
Serial interface	RS-232, RS-485 (full-duplex), Keyboard
Alarm in/out	16/4
General	
Power supply	100 to 240 VAC
Consumption (without HDD)	≤ 65 W
Working temperature	-10 ºC to +55 ºC
Working humidity	10% to 90%
Dimensions (W × D × H)	445 × 390 × 70 mm
Weight (without HDD)	≤ 5 kg

1	VIDEO IN
2	VIDEO OUT
3	AUDIO IN, RCA Connector
4	USB Interface
5	HDMI1/VGA Interface
6	HDMI2 Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT
8	LAN1 and LAN2 Network Interfaces
9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
10	100 to 240 VAC Power Input
11	Power Switch
12	GND
13	LINE IN
14	eSATA Interface
15	RS-232 Serial Interface