

DS-7200HUHI-K/P SERIES TURBO HD DVR

Features and Functions

Video Input and Transmission

- Self-adaptive normal camera and Hikvision PoC camera connection
- Up to 8-ch 6 MP IP cameras input for DS-7216HUHI-K2/P
- 8 MP/5 MP/4 MP HDTVI video input and live view for DS-7208/7216HUHI-K2/P, and 5 MP/4 MP for DS-7204HUHI-K1/P
- Long distance transmission over UTP and coaxial cable: max. 500m for 1080p and 700m 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 data storage costs
- Full channel recording at up to 8 MP resolution for DS-7208/7216HUHI-K2/P

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7208/7216HUHI-K2/P
- Separate CVBS output

Storage and Playback

- One SATA interface for DS-7204HUHI-K1/P, and two SATA interfaces for DS-7208/7216HUHI-K2/P (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

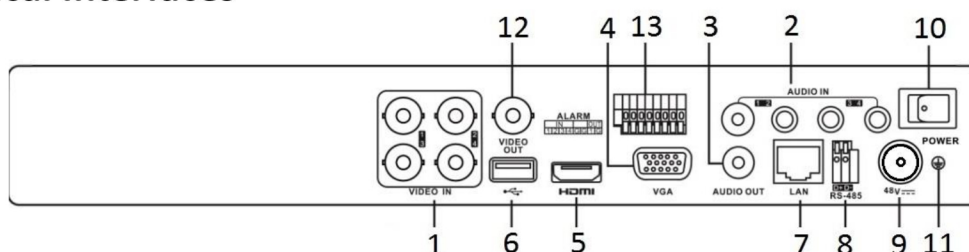
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for DS-7204HUHI-K1/P, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for DS-7208/7216HUHI-K2/P



Specifications

Model		DS-7204HUHI-K1/P	DS-7208HUHI-K2/P	DS-7216HUHI-K2/P
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
	HDTVI 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	PAL/NTSC		
	PoC camera input	Supports Hikvision 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	4-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	VGA: 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	
	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	
	Frame rate	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 10 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
	Remote connections	32	64	128
Network management	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 8 TB capacity for each disk		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	USB interface	2 × 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 240 VAC
	Consumption (without HDD)	≤ 40 W	≤ 60 W	≤ 140 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
	Weight (without HDD)	≤ 1.5 kg (3.3 lb)	≤ 2 kg (4.4 lb) ≤ 3.8 kg (8.4 lb)	

Physical Interfaces



NOTE

The rear panel of DS-7208/7216HUHI-K2/P provides 8/16 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	48 VDC Power Input (for DS-7204/7208HUHI-K/P); 100 to 240 VAC (for DS-7216HUHI-K2/P)
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		

Available Models

DS-7204HUHI-K1/P, DS-7208HUHI-K2/P, DS-7216HUHI-K2/P