

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 2-ch 6 MP IP cameras input
- 5 MP/4 MP HDTV video input and live view
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV 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 5 MP resolution

Video Output

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

Storage and Playback

- One SATA interface for DS-7204HUHI-K1/P, and two SATA interfaces for DS-7208HUHI-K2/P (up to 8 TB capacity per HDD)
- 4/8-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

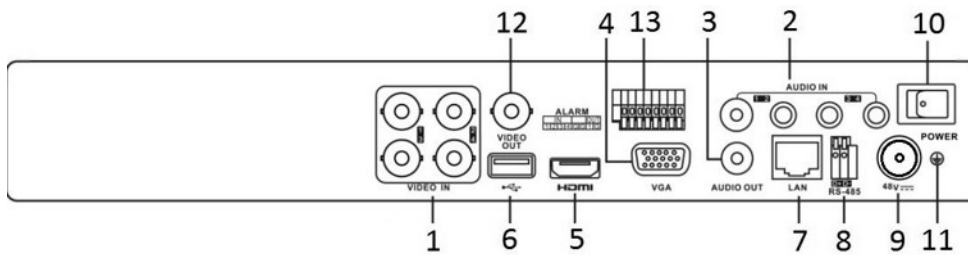
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for DS-7204HUHI-K1/P, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for DS-7208HUHI-K2/P
- Output bandwidth limit configurable



Specifications

Model	DS-7204HUHI-K1/P		DS-7208HUHI-K2/P		
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264			
	Analog video input	4-ch	8-ch		
	HDTVI input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25			
	AHD input	1080p25, 1080p30, 720p25, 720p30			
	HDCVI input	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		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 K Ω)				
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 \times 576, NTSC: 704 \times 480				
Video/Audio output	HDMI/VGA output	1-ch, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz		VGA: 1-ch, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz HDMI: 1-ch, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz	
		Encoding resolution	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)			
	Video bit rate	32 Kbps to 10 Mbps			
	Audio output	1-ch, RCA (Linear, 1 K Ω)			
	Audio bit rate	64 Kbps			
	Dual stream	Support			
	Stream type	Video, Video & Audio			
	Synchronous playback	4-ch	8-ch		
Network management	Remote connections	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 8 TB capacity for each disk			
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω) (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 \times USB 2.0	Front panel: 1 \times USB 2.0 Rear panel: 1 \times USB 3.0		
	Serial interface	RS-485 (half-duplex)			
	Alarm in/out	4/1	8/4		
General	Power supply	48 VDC			
	Consumption (without HDD)	\leq 40 W	\leq 60 W		
	Working temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C (+14 $^{\circ}$ F to +131 $^{\circ}$ F)			
	Working humidity	10% to 90%			
	Dimensions (W \times D \times H)	315 \times 242 \times 45 mm (12.4 \times 9.5 \times 1.8 inch)	380 \times 320 \times 48 mm (15.0 \times 12.6 \times 1.9 inch)		
	Weight (without HDD)	\leq 1.5 kg (3.3 lb)	\leq 2 kg (4.4 lb)		

Physical Interfaces



NOTE

The rear panel of DS-7208HUHI-K2/P provides 8 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
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

Distributed by



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