

DS-7200HUHI-F2/N SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HD-TVI, AHD, network and analog cameras
- Up to 2-ch 4MP ONVIF conformant IP cameras input
- Long distance transmission over twisted-pair cable & coax cable

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 3MP resolution

Video Output

- HDMI output at up to 4K (3840 × 2160) resolution (DS-7208HUHI-F2/N and DS-7216HUHI-F2/N)
- CVBS output improves compatibility at the most possibility

Storage and Playback

- Two SATA interfaces (up to 6TB of capacity per HDD)
- HDD quota and group management for flexible recording storage
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- 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
- VQD(Video Quality Diagnostics)

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- Gigabit Ethernet network interface (DS-7208HUHI-F2/N and DS-7216HUHI-F2/N)



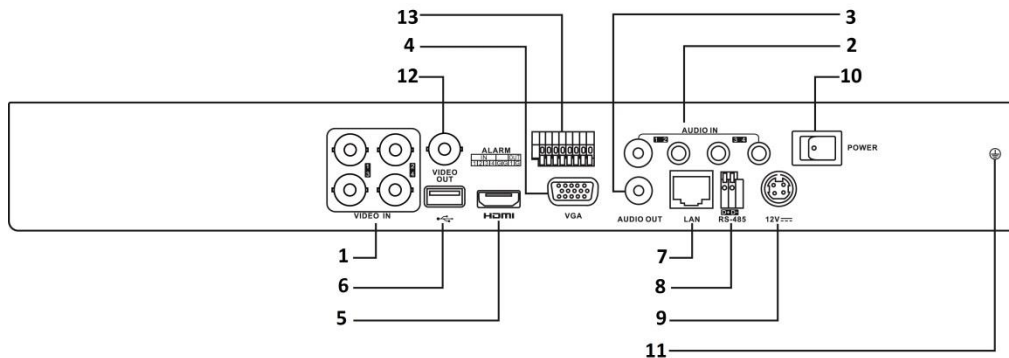
Specifications

Model		DS-7204HUHI-F2/N	DS-7208HUHI-F2/N	DS-7216HUHI-F2/N	
Video/Audio input	Video compression	H.264+/H.264			
	Video input	4-ch	8-ch	16-ch	
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection			
	Supported HDTVI input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz, 3MP			
	Supported AHD input	720p/25Hz, 720p/30Hz			
	CVBS input	Support			
	IP video input	2-ch Up to 4 MP resolution			
	Audio compression	G.711u			
Video/Audio output	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)			
	CVBS output	Support			
	HDMI/VGA output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz			
		HDMI: 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	3MP@15fps/1080p/720p/WD1/4CIF/VGA/CIF			
	Frame rate	Main stream: 25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12fps (non-real-time); CIF/QVGA/QCIF (real time)			
	Video bitrate	32 Kbps to 10 Mbps			
	Audio output	1-ch, RCA (Linear, 1 KΩ)			
Audio bit rate	64 Kbps				
Network management	Dual-stream	Support			
	Stream type	Video, Video & Audio			
Hard disk	Synchronous playback	4-ch	8-ch	16-ch	
	Remote connections	128			
External interface	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
	SATA	2 SATA interfaces			
General	Capacity	Up to 6TB capacity			
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 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	1; RS-485 serial interface, half-duplex			
General	Alarm in/out	4/1	8/4	16/4	
	Power supply	12 VDC			
	Consumption (without HDD)	≤ 15W	≤ 20W	≤ 20W	
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)			
	Working humidity	10% to 90%			
	Dimensions (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)			
General	Weight (without HDD)	≤ 1.5 kg (3.3 lb)	≤ 2 kg (4.4 lb)	≤ 2 kg (4.4 lb)	



For 7200HUHI-F2/N series DVR, each two video channels are grouped in sequence, e.g., CH01 and CH02, CH03 and CH04..., and each two channels in the same group must be connected with the same type of video source selected on GUI. For example, when the TVI/CVBS signal mode is selected, then either TVI or CVBS signal input can be connected to the channels in the same group; and when the AHD signal mode is selected, only the AHD signal input can be connected.

Physical Interfaces



The rear panels of DS-7208HUHI-F2/N and DS-7216HUHI-F2/N provide 8 and 16 video input interfaces respectively.

Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	12 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-F2/N, DS-7208HUHI-F2/N, DS-7216HUHI-F2/N

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