HIKVISION

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

Features and Functions

Video Input and Compression

- Connectable to HD-TVI, AHD, network and analog cameras;
- Supports HIKVISION-C protocol for connecting camera over coax;
- H.264+/H.264 video compression, and H.264+ ensures high video quality with lower bitrates;
- Supports channel-zero encoding;

Video Output and Extranet Access

- Simultaneous HDMI, VGA and CVBS outputs. VGA output at up to 1920 × 1080/60Hz resolution. HDMI output at up to 4K (3840 × 2160) resolution for DS-7208HUHI-F2/N and DS-7216HUHI-F2/N;
- Up to 5MP encoding resolution;
- Manual video quality diagnostics;
- Supports access by Hik-connect Cloud P2P;
- Supports Hikvision DDNS (Dynamic Domain Name System);

Video Recording and Storage

- One-key recording configurable;
- Main stream and sub-stream parameters configurable for simultaneous recording;
- Supports locking and unlocking of video files;
- HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- Two SATA interfaces provided;
- Supports Cloud storage (One Drive, Google Drive or Drop Box);

Video Playback

- Instant playback for assigned camera during multi-channel live view mode;
- Up to 4/8/16-ch synchronous playback at 5MP resolution;
- Playback at up to 256X speed;
- Main stream and sub-stream selectable for local/remote playback;
- Playback by smart search and VCA search;
- Customization of tags, searching and playing back by tags;

Alarm

- Alarm for video loss, motion detection, video tampering, etc.;
- Supports 2-ch VCA (line crossing detection, intrusion detection or audio exception detection);
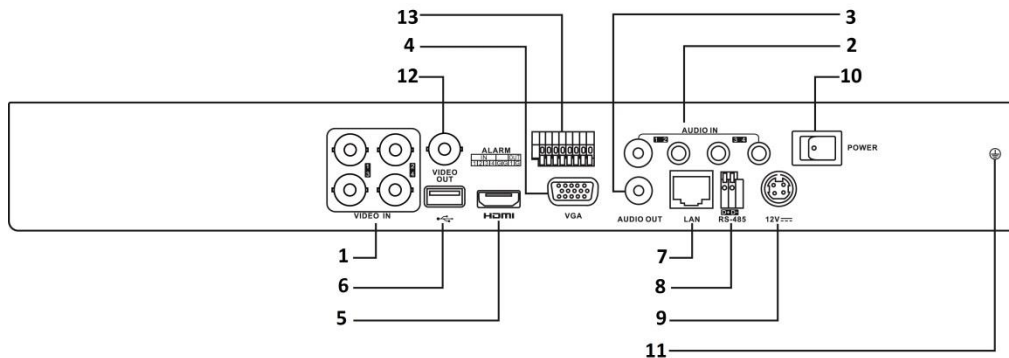
Physical Interfaces

- One RJ45 10M/100Mbps self-adaptive network interface for DS-7204HUHI-F2/N and one RJ45 10M/100M/1000M self-adaptive Ethernet interface for 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	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz, 3MP, 5MP	
	Supported AHD input	720p/25Hz, 720p/30Hz		
	CVBS input	Support		
	IP video input	2-ch		
		Up to 4.0 MP resolution		
	Audio compression	G.711u		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video/Audio output	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	5MP@12fps/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		
	Dual-stream	Support		
	Stream type	Video, Video & Audio		
	Synchronous playback	4-ch	8-ch	16-ch
Network management	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-connect Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	SATA	2 SATA interfaces		
	Capacity	Up to 6TB capacity		
External interface	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		
	Serial interface	1; RS-485 serial interface, half-duplex		
	Alarm in/out	4/1	8/4	16/4
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 15W	≤ 20W	≤ 20W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	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)	≤ 2 kg (4.4 lb)

Physical Interfaces

NOTE The rear panel of DS-7208HUHI-F2/N and DS-7216HUHI-F2/N provides 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**	12VDC 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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