DS-7200HQHI-F1/N SERIES TURBO HD DVR

Features and Functions

- Connectable to AHD, HD-TVI, network and analog cameras;
- Support HIKVISION-C protocol for connecting camera over coax;
- Support enabling H.264+ to ensure high video quality with lowered bitrate;
- Provide HDMI, VGA and CVBS outputs, and simultaneous HDMI/VGA output at up to 1920×1080p resolution;
- One-key recording configurable;
- Redundant recording and holiday recording;
- Main stream and sub-stream parameters configurable for simultaneous recording;
- Support channel-zero encoding;
- Support 1080p lite mode enabled to realize the real-time 1080p lite and 720p lite resolution;
- Instant playback for assigned camera in live view mode;
- Up to 4/8-ch synchronous playback at 1080p resolution;
- Playback at up to 256X speed;
- Main stream and sub-stream selectable for local/remote playback;
- Playback by smart search (motion/intrusion/line crossing detection triggered recording);
- Playback by VCA search;
- Customization of tags, searching and playing back by tags;
- Manual VQD (video quality diagnostics);
- Supports locking and unlocking of video files;
- HDD quota and group management;
- Two SATA interfaces for DS-7208HQHI-F2/N and one SATA interface for DS-7200HQHI-F1/N;
- One self-adaptive 10M/100Mbps network interface;
- Supports access by EZVIZ Cloud P2P;
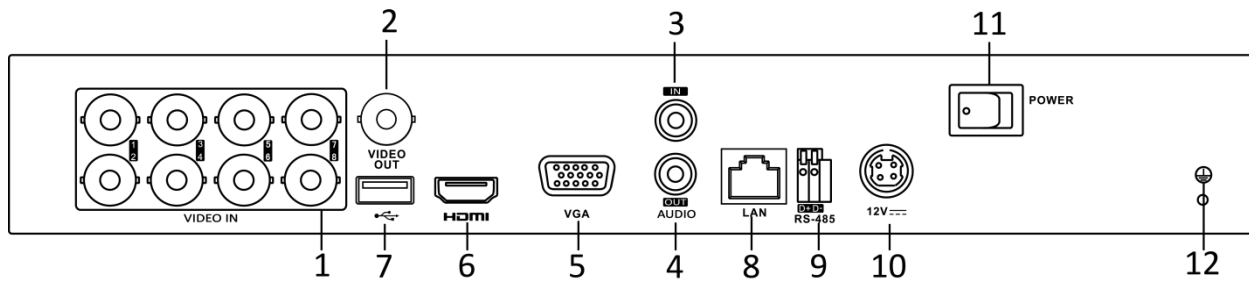- Supports Hikvision DDNS (Dynamic Domain Name System).

HIKVISION

Specifications

Model		DS-7204HQHI-F1/N	DS-7208HQHI-F1/N
Video/Audio input	Video compression	H.264	
	Analog video input	4-ch	8-ch
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection	
	Supported HD TVI input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz	
	Supported AHD input	720p/25Hz, 720p/30Hz	
	IP video input	1-ch	2-ch
		Up to 1080p resolution	
	Audio compression	G.711u	
	Audio input/Two-way audio input	1-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	
	HDMI/VGA output	1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Encoding resolution	When 1080p Lite mode not enabled: 1080p(non-real-time)/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/720p/VGA/WD1/4CIF/CIF	
	Frame rate	Main stream: 1/16 fps to Real time frame rate	
		Sub-stream: WD1/4CIF@12fps, CIF/QVGA/QCIF@ real time frame rate	
	Video bitrate	32 Kbps to 6 Mbps	
	Audio output	1-ch, RCA (Linear, 1KΩ)	
	Audio bitrate	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, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
Hard disk	SATA	1 SATA interface	
	Capacity	Up to 6TB capacity for each disk	
External interface	Network interface	1; 10M/100Mbps self-adaptive Ethernet interface	
	Serial interface	1; standard RS-485 serial interface, half-duplex	
	USB port	2 × USB 2.0	
General	Power supply	12 VDC	
	Consumption (without hard disks)	≤ 15 W	≤ 20 W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)	
	Working humidity	10% to 90%	
	Chassis	Standalone 1U chassis	
	Dimensions(W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	
	Weight(without hard disks)	≤ 2 kg (4.4lb)	

Specifications

Model		DS-7208HQHI-F2/N
Video/Audio input	Video compression	H.264
	Analog video input	8-ch
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection
	Supported HD TVI input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz
	Supported AHD input	720p/25Hz, 720p/30Hz
	IP video input	2-ch
		Up to 1080p resolution
	Audio compression	G.711u
	Audio input/Two-way audio input	1-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
	HDMI/VGA output	1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	When 1080p Lite mode not enabled: 1080p(non-real-time)/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/720p/VGA/WD1/4CIF/CIF
	Frame rate	Main stream: 1/16 fps to real time frame rate
		Sub-stream: WD1/4CIF@12fps, CIF/QVGA/QCIF@ real time frame rate
	Video bitrate	32 Kbps to 6 Mbps
	Audio output	1-ch, RCA (Linear, 1KΩ)
	Audio bitrate	64 Kbps
	Dual-stream	Support
	Stream type	Video, Video & Audio
	Synchronous playback	8-ch
Network management	Remote connections	128
	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	2 SATA interfaces
	Capacity	Up to 6TB capacity for each disk
External interface	Network interface	1; 10M/100Mbps self-adaptive Ethernet interface
	Serial interface	1; standard RS-485 serial interface, half-duplex
	USB port	2 × USB 2.0
General	Power supply	12 VDC
	Consumption (without hard disks)	≤ 20W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)
	Working humidity	10% to 90%
	Chassis	380 mm 1U chassis
	Dimensions(W × D × H)	380 × 320 × 45 mm (15.0 × 12.6 × 1.8 inch)
	Weight(without hard disks)	≤ 2 kg (4.4lb)

Physical Interfaces

NOTE The rear panel of DS-7204HQHI-F1/N provides 4 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	7	USB Interface
2	VIDEO OUT	8	LAN Network Interface
3	AUDIO IN, RCA Connector	9	RS-485 Serial Interface
4	AUDIO OUT, RCA Connector	10	12VDC Power Input
5	VGA Interface	11	Power Switch
6	HDMI Interface	12	GND

Available Models

DS-7204HQHI-F1/N, DS-7208HQHI-F1/N, DS-7208HQHI-F2/N

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