

DS-7200HQHI-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 2MP 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 1080p resolution
- Supports 1080p lite mode enabled to realize the real-time 1080p lite and 720p lite resolution

Video Output

- HDMI/VGA output at up to 4K (3840 × 2160) resolution (DS-7216HQHI-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
- 8/16-ch synchronous playback at up to 1080p resolution
- Smart search for efficient playback

Smart Function

- Supports multiple VCA(Video Content Analytics) events for both analog and smart IP cameras
- VQD(Video Quality Diagnostics)

Network & Ethernet Access

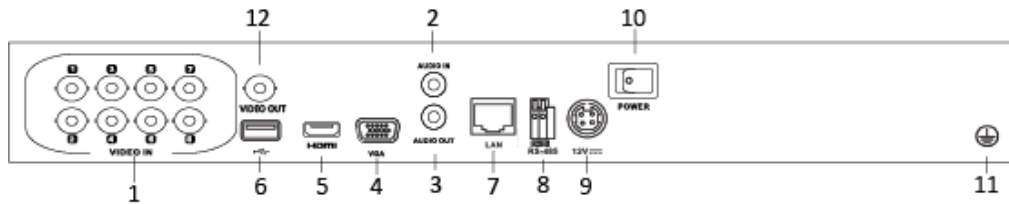
- Hik-connect Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- Gigabit Ethernet network interface (DS-7216HQHI-F2/N)



Specifications

Model	DS-7208HQHI-F2/N		DS-7216HQHI-F2/N	
Video/Audio input	Video compression	H.264+/H.264		
	Video input	8-ch	16-ch	
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection		
	Supported HDTV input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz		
	Supported AHD input	720p/25Hz, 720p/30Hz		
	CVBS input	Support		
	IP video input	2-ch Up to 2MP resolution		
	Audio compression	G.711u		
Video/Audio output	Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	CVBS output	Support		
	HDMI/VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz	
	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/VGA/WD1/4CIF/CIF		
	Frame rate	Main stream: 25fps(P)/30fps(N) Sub-stream: WD1/4CIF@12fps/2CIF (non-real-time); CIF/QVGA/QCIF (real time)		
	Video bit rate	32 Kbps to 6 Mbps		
	Audio output	1-ch, RCA (Linear, 1 KΩ)		
	Audio bit rate	64 Kbps		
Network management	Dual-stream	Support;		
	Stream type	Video, Video & Audio		
	Synchronous playback	8-ch	16-ch	
	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-connect Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS		
	SATA	2 SATA interfaces		
	Capacity	Up to 6TB capacity for each disk		
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)		
External interface	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		1 USB 2.0 on the front panel 1 USB 3.0 on the rear panel
	Serial interface	1; RS-485 serial interface, half-duplex		
	Power supply	12 VDC		
General	Consumption (without HDD)	≤ 20W	≤ 30W	
	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)		
	Weight (without HDD)	≤ 2 kg (4.4lb)	≤ 2 kg (4.4lb)	

Physical Interfaces



The rear panel of DS-7216HQHI-F2/N provides 16 video input interfaces.

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

Available Models

DS-7208HQHI-F2/N, DS-7216HQHI-F2/N

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