DS-7200HQHI-SH SERIES TURBO HD DVR

Features and Functions

Video Input and Transmission

- Connectable to HDTVI and analog cameras
- Up to 2-ch 1080p IP cameras input
- Long distance transmission over UTP and coaxial 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

Video Output

- Simultaneous HDMI/VGA output at up to 1920×1080 resolution

Storage and Playback

- Two SATA interfaces (up to 6 TB capacity per HDD) for DS-7208/7216HQHI-SH
- 4/8/16-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
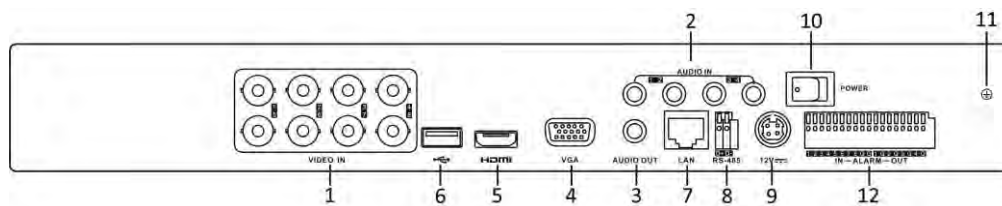- VQD (Video Quality Diagnostics)

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface

Specifications

Model		DS-7204HQHI-SH	DS-7208HQHI-SH	DS-7216HQHI-SH
Video/Audio input	Video compression	H.264+/H.264		
	Analog and HDTVI video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	Supported camera types	720p/25Hz, 720p/30Hz, 720p/50Hz, 720p/60Hz, 1080p/25Hz, 1080p/30Hz, CVBS		
	IP video input	2-ch		
		Up to 1080p resolution		
	Audio compression	G.711u, G.726, G.711a, G.722		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video/Audio output	HDMI/VGA output	1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Encoding resolution	1080p/720p/VGA/WD1/4CIF/CIF		
	Frame rate	Main stream: 1080p/720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)		
		Sub-stream: WD1/4CIF@12fps; CIF/QCIF/QVGA@25fps (P)/30fps (N)		
	Video bit rate	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 Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface	2 SATA interfaces	
	Capacity	Up to 6 TB capacity for each disk		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st channel of audio input)		
	Network interface	1, 10M/100M/1000M self-adaptive Ethernet interface		
	Serial interface	RS-485 (half-duplex)		
	Alarm in/out	4/1	8/4	16/4
	USB interface	2 × USB 2.0		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 15 W	≤ 30 W	≤ 45 W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 290 × 48 mm (15.0 × 11.4 × 1.9 inch)	
	Weight (without HDD)	≤ 1.5 kg (3.3 lb)	≤ 2 kg (4.4 lb)	

Physical Interfaces

NOTE The rear panel of DS-7204/7216HQHI-SH provides 4/16 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	12 VDC Power Input
4	VGA Interface	10	Power Switch
5	HDMI Interface	11	GND
6	USB Interface	12	ALARM IN and ALARM OUT

Available Models

DS-7204HQHI-SH, DS-7208HQHI-SH, DS-7216HQHI-SH