

DS-7200HGHI-SH SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTV and analog cameras
- Up to 2-ch 1080p IP cameras input for DS-7208/7216HGHI-SH
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- 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

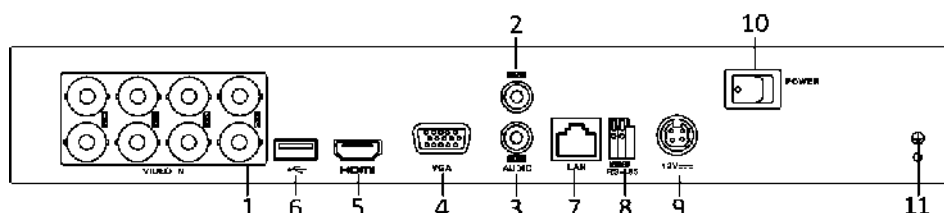
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface for DS-7216HGHI-SH



Specifications

Model		DS-7204HGHI-SH	DS-7208HGHI-SH	DS-7216HGHI-SH
Video/Audio input	Video compression	H.264		
	Analog and HDTV video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	Supported camera types	720p25, 720p30, 720p50, 720p60, 1080p25, 1080p30, CVBS		
	IP video input	1-ch	2-ch	
		Up to 1080p resolution		
	Audio compression	G.711u		
Video/Audio output	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	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@12fps; 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 6 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	Network interface	1, 10M/100M self-adaptive Ethernet interface		1, 10M/100M/1000M self-adaptive Ethernet interface
	Serial interface	RS-485 (half-duplex)		
	USB interface	2 × USB 2.0		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 15 W	≤ 20 W	≤ 30 W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)		
	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



The rear panel of DS-7204/7216HGHI-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		

Available Models

DS-7204HGHI-SH, DS-7208HGHI-SH, DS-7216HGHI-SH

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