

DS-7200HQHI-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
- 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

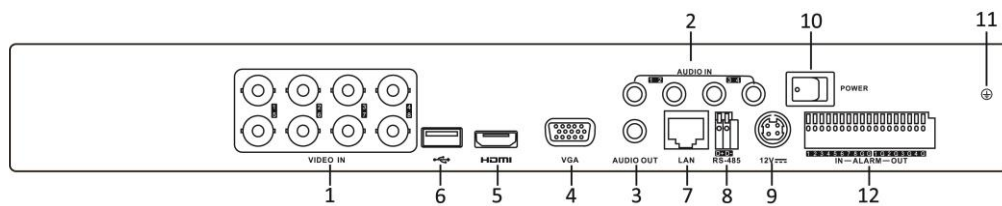
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface



Specifications

Model		DS-7204HQHI-SH	DS-7208HQHI-SH	DS-7216HQHI-SH	
Video/Audio input	Video compression	H.264+/H.264			
	Analog and HDTV 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 1 st 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 °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)		≤ 2 kg (4.4 lb)	

Physical Interfaces



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

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Europe
T +31-23-5542770
saleseuro@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +44-1628-9021-4
support.uk@hikvision.com