

DS-7300HQHI-SH SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTV and analog cameras
- Up to 6/10/18-ch 1080p IP cameras input for DS-7304/7308/7316HQHI-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
- Independent CVBS output improves compatibility at the most possibility

Storage and Playback

- Four SATA interfaces (up to 6 TB capacity per HDD) and 1 eSATA interface
- 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

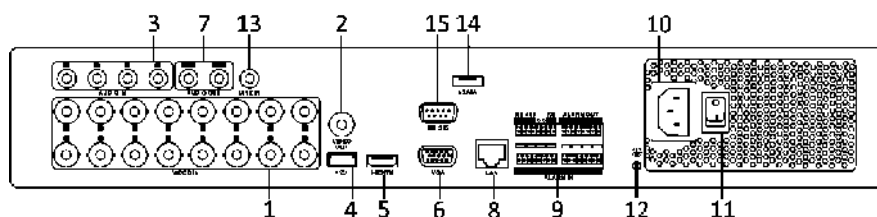
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One gigabit Ethernet network interface



Specifications

Model		DS-7304HQHI-SH	DS-7308HQHI-SH	DS-7316HQHI-SH
Video/Audio input	Video compression	H.264		
	Analog and HDTV I video input	4-ch	8-ch	16-ch
	Supported camera types	720p25, 720p30, 720p50, 720p60, 1080p25, 1080p30, CVBS		
	IP video input	2-ch (up to 6-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
		Up to 1080p resolution		
	Audio compression	G.711u		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 K Ω)		
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 \times 576, NTSC: 704 \times 480		
	HDMI/VGA output	1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 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	2-ch, RCA (Linear, 1 K Ω , for VGA and CVBS output respectively)		
	Audio bit rate	64 Kbps		
	Dual stream	Support		
	Stream type	Video, Video & Audio		
	Synchronous playback	4-ch	8-ch	16-ch
Network management	Remote connection	128		
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	4 SATA interfaces		
	eSATA	Support		
	Capacity	Up to 6 TB capacity for each disk		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω)		
	Network interface	1, 10M/100M/1000M self-adaptive Ethernet interface		
	Serial interface	RS-232, RS-485, Keyboard		
	USB interface	3 \times USB 2.0		
	Alarm in/out	16/4		
General	Power supply	100 to 240 VAC		
	Consumption (without HDD)	\leq 30 W	\leq 40 W	\leq 55 W
	Working temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C (14 $^{\circ}$ F to 131 $^{\circ}$ F)		
	Working humidity	10% to 90%		
	Dimensions (W \times D \times H)	445 \times 390 \times 70 mm (17.5 \times 15.3 \times 2.7 inch)		
	Weight (without HDD)	\leq 5 kg (11.0 lb)		

Physical Interfaces



The rear panel of DS-7304/7308HQHI-SH provides 4/8 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
2	VIDEO OUT	10	100 to 240 VAC Power Input
3	AUDIO IN, RCA Connector	11	Power Switch
4	USB Interface	12	GND
5	HDMI Interface	13	LINE IN
6	VGA Interface	14	eSATA Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT	15	RS-232 Serial Interface
8	LAN Network Interface		

Available Models

DS-7304HQHI-SH, DS-7308HQHI-SH, DS-7316HQHI-SH

Distributed by



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