

DS-7200HQHI-E1/E2 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-7208HQHI-E1 and DS-7208/7216HQHI-E2
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- 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

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution
- Independent CVBS output improves compatibility at the most possibility

Storage and Playback

- Two SATA interfaces for DS-7208/7216HQHI-E2 (up to 6 TB capacity per HDD)
- 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

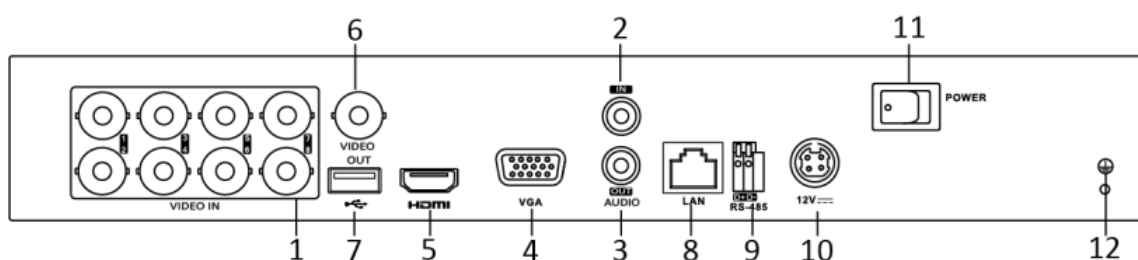
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface for DS-7216HQHI-E2



Specifications

Model		DS-7204HQHI-E1	DS-7208HQHI-E1	DS-7208HQHI-E2	DS-7216HQHI-E2
Video/Audio input	Video compression	H.264+/H.264			
	Analog and HDTV I video input	4-ch	8-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
	Supported camera types	1080p/30Hz, 1080p/25Hz, 720p/60Hz, 720p/50Hz, 720p/30Hz, 720p/25Hz, CVBS			
	IP video input	1-ch	2-ch	2-ch	2-ch
		Up to 1080p resolution			
	Audio compression	G.711u			
	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480			
	HDMI/VGA output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
	Encoding resolution	When 1080p Lite mode not enabled: 1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF			
	Frame rate	Main stream: When 1080p Lite mode not enabled: For 1080p stream access: 1080p/720p@12fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF/QVGA/QCIF@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	8-ch	16-ch
Network management	Remote connections	128			
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
Hard disk	SATA	1 SATA interface		2 SATA interfaces	
	Capacity	Up to 6 TB capacity for each disk			
External interface	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface			1, RJ45 10M/100M/1000 M 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	≤ 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 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
Weight (without HDD)	≤ 1.5 kg (3.3 lb)		≤ 2 kg (4.4 lb)		

Physical Interfaces



The rear panel of DS-7204HQHI-E1 provides 4 video input interfaces and DS-7204/7216HQHI-E2 provides 4/16 video input interfaces.

Index	Description	Index	Description
1	Video In	7	USB Interface
2	Audio In, RCA Connector	8	LAN Network Interface
3	Audio Out, RCA Connector	9	RS-485 Serial Interface
4	VGA Interface	10	12 VDC Power Input
5	HDMI Interface	11	Power Switch
6	CVBS Video Out	12	GND

Available Models

DS-7204HQHI-E1, DS-7208HQHI-E1, DS-7208HQHI-E2, DS-7216HQHI-E2

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