

DS-7200HQHI-K/P SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Self-adaptive normal camera and Hikvision PoC camera connection
- Up to 1-ch 4 MP IP cameras input for DS-7204HQHI-K1/P, and 2-ch 4 MP IP cameras input for DS-7208/7216HQHI-K2/P
- Long distance transmission over coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI signal, and 200m for PoC camera
- Automatic power supply management for PoC camera to guarantee safety

Compression and Recording

- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Up to 3 MP resolution for recording
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7216HQHI-K2/P
- Separate CVBS output

Storage and Playback

- One SATA interface for DS-7204HQHI-K1/P, and two SATA interfaces for DS-7208/7216HQHI-K2/P (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports 4-ch line crossing detection and intrusion detection, and DS-7216HQHI-K2/P also supports 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access

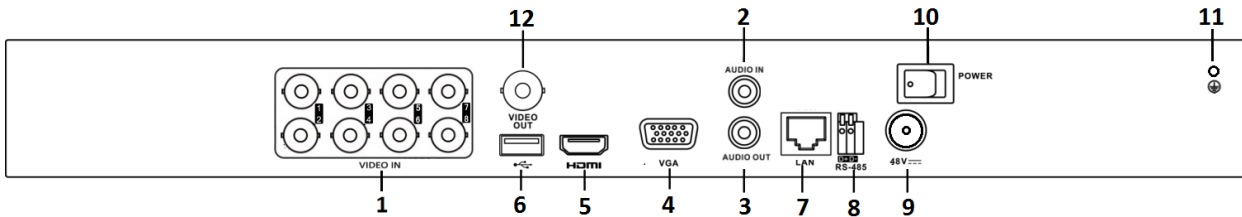
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for DS-7204/7208HQHI-K/P, and one RJ45 10M/100M/1000M Ethernet network interface for DS-7216HQHI-K2/P
- Output bandwidth limit configurable



Specifications

Model		DS-7204HQHI-K1/P	DS-7208HQHI-K2/P	DS-7216HQHI-K2/P
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
	HDTVI input	3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 Note: The 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1/P, channel 1/2 of DS-7208HQHI-K2/P, and channel 1/2/3/4 of DS-7216HQHI-K2/P..		
	AHD input	1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	1080p25, 1080p30, 720p25, 720p30		
	CVBS input	PAL/NTSC		
	PoC camera input	Supports Hikvision PoC camera Note: Do not unplug or plug the PoC camera if it is powered by the external power supply.		
	IP video input	1-ch	2-ch	
		Up to 4 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras		
	Audio compression	G.711u		
Audio input	1-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	1-ch, 1920 \times 1080/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz	VGA: 1-ch, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz HDMI: 1-ch, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz	
	Encoding resolution	When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF		
	Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 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: 3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)		
	Video bit rate	32 Kbps to 6 Mbps		
	Audio output	1-ch, RCA (Linear, 1 K Ω)		
	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-Connect, DNS, DDNS, NTP, SADP, 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	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the 1 st audio input)		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	2 \times USB 2.0		Front panel: 1 \times USB 2.0 Rear panel: 1 \times USB 3.0
	Serial interface	RS-485 (half-duplex)		
General	Power supply	48 VDC		
	Consumption (without HDD)	\leq 40 W	\leq 60 W	\leq 120 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)	315 \times 242 \times 45 mm (12.4 \times 9.5 \times 1.8 inch)	380 \times 320 \times 48 mm (15.0 \times 12.6 \times 1.9 inch)	
	Weight (without HDD)	\leq 1.16 kg (2.6 lb)	\leq 1.78 kg (3.9 lb)	\leq 2 kg (4.4 lb)

Physical Interfaces



NOTE The rear panel of DS-7204HQHI-K1/P and DS-7216HQHI-K2/P 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	48 VDC Power Input
4	VGA Interface	10	Power Switch
5	HDMI Interface	11	GND
6	USB Interface	12	VIDEO OUT

Available Models

DS-7204HQHI-K1/P, DS-7208HQHI-K2/P, DS-7216HQHI-K2/P

Distributed by



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