

DS-7200HQHI-K1(S) SERIES TURBO HD DVR

Key Features

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/TVBS/IP video input
- Audio via coaxial cable
- Up to 6/12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution

Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support 4-ch line crossing detection and intrusion detection; DS-7216HQHI-K1(S) supports 1-ch sudden scene change detection

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 24/48/96 Mbps incoming bandwidth and output bandwidth limit configurable



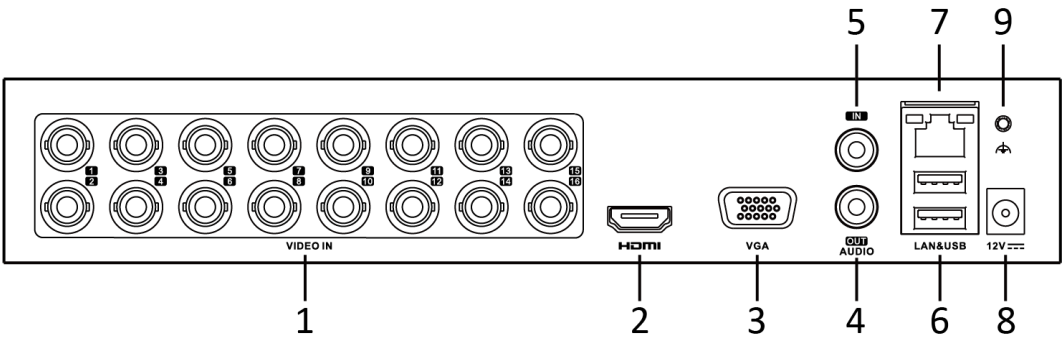
Specification

Model	DS-7204HQHI-K1(S)		DS-7208HQHI-K1(S)	DS-7216HQHI-K1(S)
Recording				
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264			
Encoding resolution	When 1080p lite mode is not enabled: 4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF			
	When 1080p Lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF			
Frame rate	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) 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: 4 MP lite/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			
Dual stream	Support			
Stream type	Video, Video & Audio			
Audio compression	G.711u			
Audio bit rate	64 Kbps			
Video and Audio				
IP video input	2-ch (up to 6-ch)		4-ch (up to 12-ch)	8-ch (up to 24-ch)
	Up to 6 MP resolution			
	Support H.265+/H.265/H.264+/H.264 IP cameras			
Analog video input	4-ch		8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
HDTVI input	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 *: The 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1(S), for channel 1/2 of DS-7208HQHI-K1(S), and for channel 1/2/3/4 of DS-7216HQHI-K1(S).			
AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30			
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30			
CVBS input	PAL/NTSC			
CVBS output	N/A			

VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
HDMI output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI and VGA simultaneous output		1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920×1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
Synchronous playback	4-ch	8-ch	16-ch
Network			
Remote connection	32	64	128
Network protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Auxiliary interface			
SATA	1 SATA interface		
Capacity	Up to 10 TB capacity for each disk		
Serial interface	N/A		
USB interface	Rear panel: 2 × USB 2.0		
Alarm in/out	N/A		
General			
Power supply	12 VDC		
Consumption (without HDD)	≤ 5 W	≤ 9 W	≤ 13 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
Working humidity	10% to 90%		
Dimension (W × D × H)	265 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch)		
Weight (without HDD)	≤ 1.6 kg (3.5 lb)		≤ 1.7 kg (3.7 lb)



Physical Interface



*: The rear panel of DS-7204/7208HQHI-K1(S) provides 4/8 video input interfaces.

No.	Description	No.	Description
1	VIDEO IN	6	USB Interface
2	HDMI Interface	7	LAN Network Interface
3	VGA Interface	8	Power Input
4	AUDIO OUT, RCA Connector	9	GND
5	AUDIO IN, RCA Connector		

Available Model

DS-7204HQHI-K1(S), DS-7208HQHI-K1(S), DS-7216HQHI-K1(S)

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