

## DS-7200HQHI-K1/E 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/E 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

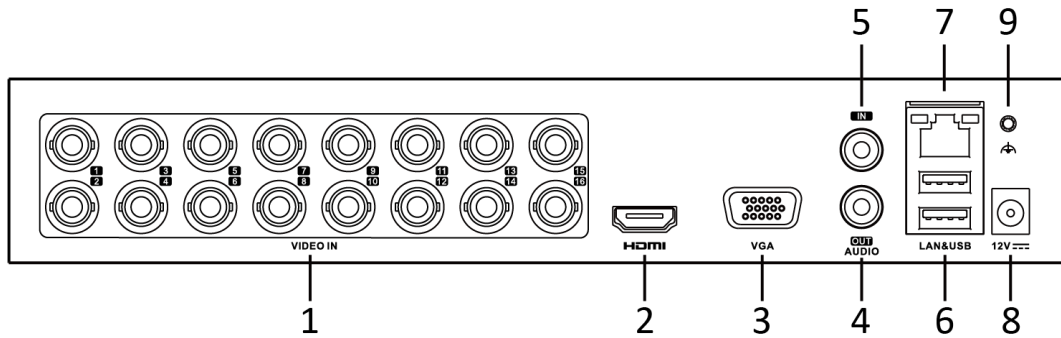


## Specification

Model	DS-7204HQHI-K1/E	DS-7208HQHI-K1/E	DS-7216HQHI-K1/E
<b>Recording</b>			
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
<b>Encoding resolution</b>	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		
<b>Frame rate</b>	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)		
<b>Video bit rate</b>	32 Kbps to 6 Mbps		
<b>Dual stream</b>	Support		
<b>Stream type</b>	Video, Video & Audio		
<b>Audio compression</b>	G.711u		
<b>Audio bit rate</b>	64 Kbps		
<b>Video and Audio</b>			
<b>IP video input</b>	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		
<b>Analog video input</b>	4-ch	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
<b>HDTV input</b>	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 <b>*: The 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1, for channel 1/2 of DS-7208HQHI-K1, and for channel 1/2/3/4 of DS-7216HQHI-K1.</b>		
<b>AHD input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
<b>HDCVI input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
<b>CVBS input</b>	PAL/NTSC		
<b>CVBS output</b>	N/A		
<b>VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>HDMI output</b>	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 HDMI and VGA simultaneous output	
<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)		
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
<b>Synchronous playback</b>	4-ch	8-ch	16-ch
<b>Network</b>			
<b>Remote connection</b>	32	64	128
<b>Network protocol</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Auxiliary interface</b>			
<b>SATA</b>	1 SATA interface		
<b>Capacity</b>	Up to 10 TB capacity for each disk		
<b>Serial interface</b>	N/A		
<b>USB interface</b>	Rear panel: 2 × USB 2.0		
<b>Alarm in/out</b>	N/A		
<b>General</b>			
<b>Power supply</b>	12 VDC		
<b>Consumption (without HDD)</b>	≤ 5 W	≤ 9 W	≤ 13 W
<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)		
<b>Working humidity</b>	10% to 90%		
<b>Dimension (W × D × H)</b>	265 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch)		
<b>Weight (without HDD)</b>	≤ 1.6 kg (3.5 lb)		≤ 1.7 kg (3.7 lb)

## Physical Interface



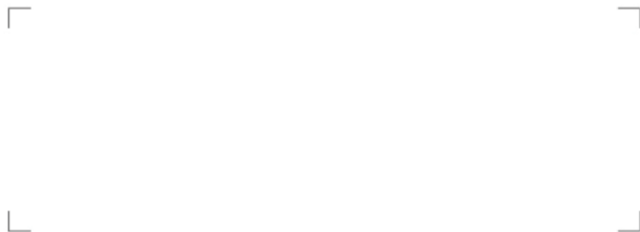
\*: The rear panel of DS-7204/7208HQHI-K1/E provides 4/8 video input interfaces.

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/E, DS-7208HQHI-K1/E, DS-7216HQHI-K1/E

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