

DS-7200HQHI-K1/UHK SERIES TURBO HD DVR

Features and Functions



Video Input and Transmission

- Self-adaptive HDTV/HD/AV/TV/AVS signal input
- Long distance transmission over UTP and coaxial cable: max. 800 m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/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
- Full channel recording at up to 4 MP lite resolution
- Supports real-time 1080p lite. When 1080p lite is on, 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-K1/UHK

Storage and Playback

- One SATA interface (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)

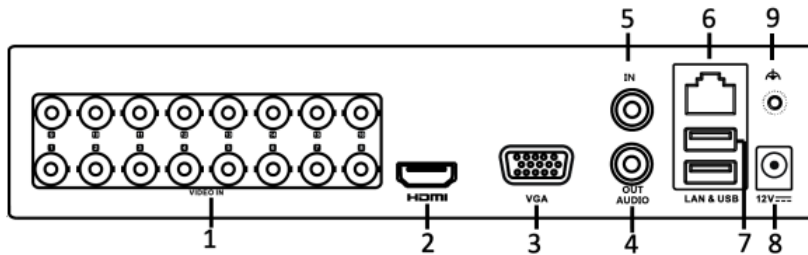
Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for DS-7204/7208HQHI-K1/UHK, and one 10M/100M/1000M Ethernet network interface for DS-7216HQHI-K1/UHK
- Output bandwidth limit configurable



Model		DS-7204HQHI-K1/UHK	DS-7208HQHI-K1/UHK	DS-7216HQHI-K1/UHK	
Video/Audio input	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264			
	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, 720p50, 720p60 Note: The 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1/UHK, channel 1/2 of DS-7208HQHI-K1/UHK, and channel 1/2/3/4 of DS-7216HQHI-K1/UHK			
	AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30			
	HDCVI input	1080p25, 1080p30, 720p25, 720p30			
	CVBS input	Support			
	IP video input		1-ch (up to 5-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
			Up to 4 MP resolution		
			Supports H.265+/H.265/H.264+/H.264 IP cameras		
Audio compression	G.711u				
Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
Video/Audio output	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
		Encoding resolution	When 1080p Lite mode is not enabled: 4 MP lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF; When 1080p Lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/WD1/4CIF/VGA/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			
	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	16-ch	
	Network management	Remote connections	32	64	128
Network protocols		TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
Hard disk	SATA	1 SATA interface			
	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/1000M self-adaptive Ethernet interface		
	USB interface	Real panel: 2 × USB 2.0			
General	Power supply	12 VDC			
	Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 15 W	
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)			
	Working humidity	10% to 90%			
	Dimensions (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)			
	Weight (without HDD)	≤ 1 kg (2.2 lb)			

Physical Interfaces



NOTE

The rear panel of DS-7204/7208HQHI-K1/UHK provides 4/8 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	6	LAN Network Interface
2	HDMI Interface	7	USB Interfaces
3	VGA Interface	8	GND
4	AUDIO OUT, RCA Connector	9	12 VDC Power Input
5	AUDIO IN, RCA Connector		

Available Models

DS-7204HQHI-K1/UHK, DS-7208HQHI-K1/UHK, DS-7216HQHI-K1/UHK

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