

DS-7204HQHI-K1/B TURBO HD DVR

Key Feature

- Support H.265 Pro+/H.265 Pro/H.265 video compression
- Support HDTV/AVHD/CVI/CVBS/IP video input
- Max. 6-ch IP cameras input (up to 6 MP)
- 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

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

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

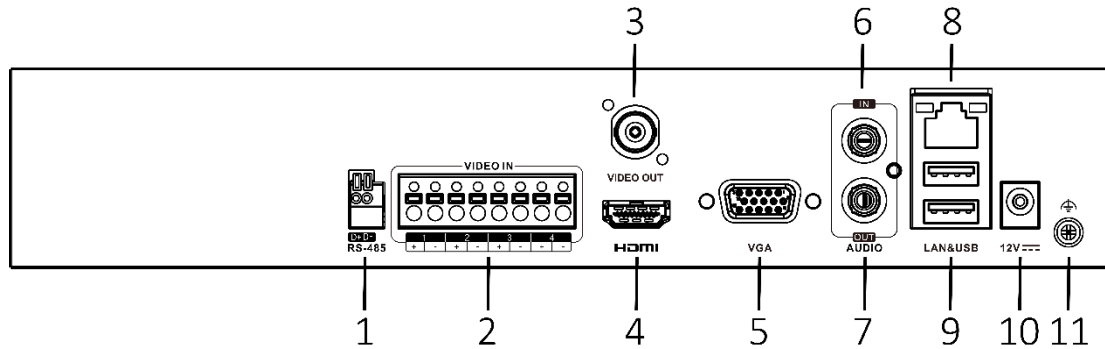


Specification

Model	DS-7204HQHI-K1/B
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/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 is 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@15fps; 720p/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 is 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)
	Up to 6 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
Analog video input	4-ch
	Balun interface, supporting coaxitron connection
HDTVI input	4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 *: The 3 MP signal input is only available for channel 1.
AHD input	4 MP25, 4 MP30, 1080p25, 1080p30, 720p25, 720p30
HDCVI input	4 MP25, 4 MP30, 1080p25, 1080p30, 720p25, 720p30
CVBS input	PAL/NTSC
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω)
	Resolution: PAL: 704 × 576, NTSC: 704 × 480

HDMI/VGA output	1-ch, 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
Network	
Remote connections	32
Network protocols	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
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each disk
Serial interface	RS-485 (half-duplex)
USB interface	Rear panel: 2 × USB 2.0
Alarm in/out	N/A
General	
Power supply	12 VDC, 1.5 A
Consumption (without HDD)	≤ 6 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)
Weights (without HDD)	≤ 1.16 kg (2.6 lb)

Physical Interface



No.	Description	No.	Description
1	RS-485 Serial Interface	7	AUDIO OUT, RCA Connector
2	VIDEO IN, Balun Interface	8	LAN Interface
3	VIDEO OUT	9	USB Interface
4	HDMI Interface	10	12 VDC Power Input
5	VGA Interface	11	GND
6	AUDIO IN, RCA Connector		

Available Model

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