

iDS-7200HQHI-K1/S SERIES TURBO ACUSENSE DVR

Key Features

- Support Deep learning-based analysis
- Support H.265 Pro+/H.265 Pro/H.265 video compression
- Support HDTV/1/AHD/CVI/CVBS/IP video input
- Max. 6/12/24 IP cameras input (up to 6 PM)
- Max. 800 m for 1080p and 1200 m for 720p HDTV 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
- Deep learning-based analysis: re-recognition of the human body or vehicle target in behavior detection to filter false alarm, support 2-ch detection for iDS-7204HQHI-K1/2S and 4-ch for iDS-7208HQHI-K1/4S

Network & Ethernet Access

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

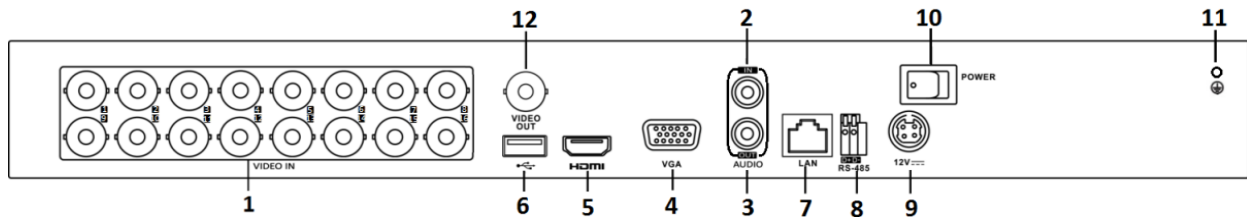


Specifications

Model	iDS-7204HQHI-K1/2S	iDS-7208HQHI-K1/4S	iDS-7216HQHI-K1/4S
Recording			
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
Encoding resolution@ 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		
HDTV input	4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 *: The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-K1/2S, for channel 1/2 of iDS-7208HQHI-K1/4S, and for channel 1/2/3/4 of iDS-7216HQHI-K1/4S.		
AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
HDCVI input	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, HDMI/VGA Simultaneous Output		
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 connections	32	64	128

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		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	RS-485 (half-duplex)		
USB interface	2 × USB 2.0		
Alarm in/out	N/A		
General			
Power supply	12 VDC		
Consumption (without HDD)	≤ 10 W	≤ 18 W	≤ 25 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
Working humidity	10% to 90%		
Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		
Weights (without HDD)	≤ 1.16 kg (2.6 lb)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

Physical Interfaces



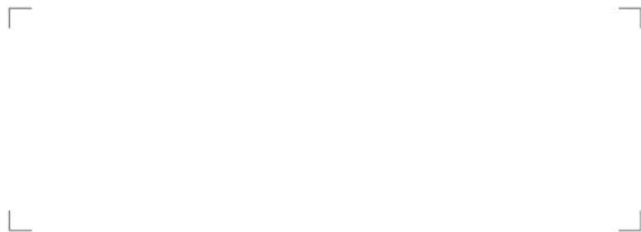
*: The rear panel of iDS-7204HQHI-K1/2S provides 4 video input interfaces. The rear panel of iDS-7208HQHI-K1/4S provides 8 video input interfaces.

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

Available Models

iDS-7204HQHI-K1/2S, iDS-7208HQHI-K1/4S, iDS-7216HQHI-K1/4S

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