iDS-7200HQHI-K2/4S SERIES TURBO ACUSENSE DVR

Key Features

- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Up to 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

- Two SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage

Smart Function

- Deep learning-based perimeter protection (line crossing and intrusion detection)
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

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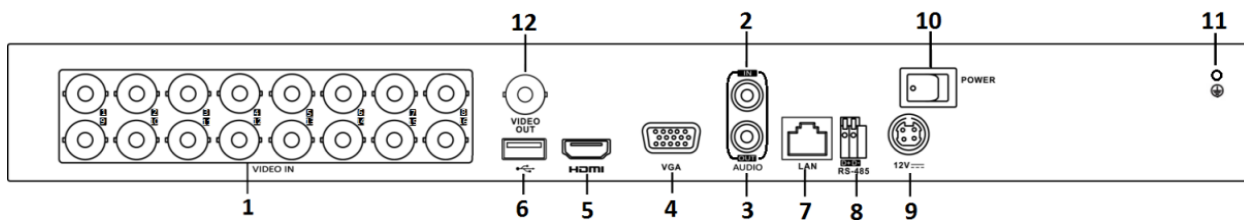- Output bandwidth limit configurable

Specifications

Model	iDS-7208HQHI-K2/4S	iDS-7216HQHI-K2/4S
Perimeter Protection		
Human/Vehicle Analysis	Up to 4-ch	
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	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	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), 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 1/2 of iDS-7208HQHI-K2/4S, and for channel 1/2/3/4 of iDS-7216HQHI-K2/4S.**	
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	8-ch	16-ch
Network		
Remote connections	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	2 SATA interfaces	
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, 2.8 A	12 VDC, 3.2 A
Consumption (without HDD)	≤ 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)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
Weights (without HDD)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

Physical Interfaces

*: The rear panel of iDS-7208HQHI-K2/4S 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-7208HQHI-K2/4S, iDS-7216HQHI-K2/4S

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