iDS-7200HQHI-M2/S SERIES TURBO ACUSENSE DVR

Key Feature

- Deep learning-based analysis or facial detection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Up to 12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1,200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD

Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p resolution

Storage and Playback

- Two SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Deep learning-based behavior analysis (line crossing and intrusion detection) or facial 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
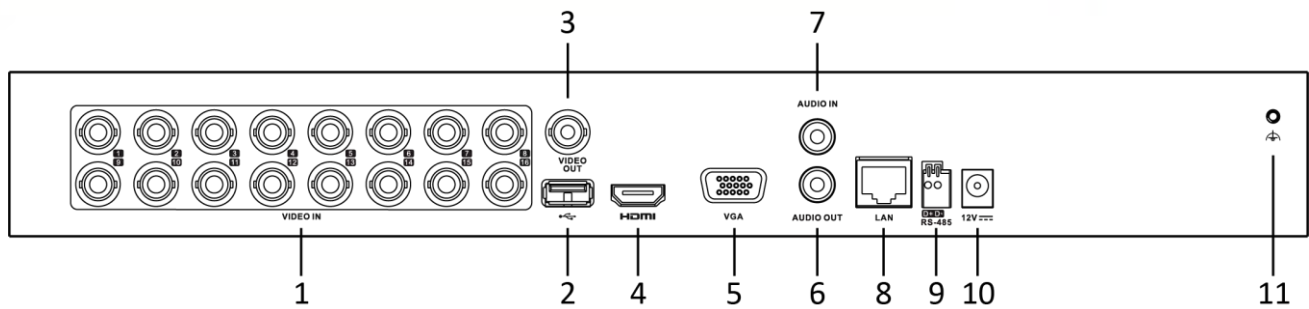- Output bandwidth limit configurable

Specification

Model	iDS-7208HQHI-M2/S	iDS-7216HQHI-M2/S
Facial Detection[1]		
Facial detection and capture	1-ch human face capture (HD analog camera)	
Human/Vehicle Analysis[1]		
False alarm reduction	Up to 4-ch	
Recording		
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding resolution	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)	
	Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	
Video bitrate	32 Kbps to 6 Mbps	
Dual stream	Support	
Stream type	Video, Video & Audio	
Audio compression	G.711u	
Audio bitrate	64 Kbps	
Video and Audio		
IP video input	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps
	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	3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps ***: The 3 MP signal input is only available for channel 1/2 of iDS-7208HQHI-M2/S, and for channel 1/2/3/4 of iDS-7216HQHI-M2/S.**	
AHD input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps	
HDCVI input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps	
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 connection	64	128
Network protocol	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, up to 10 TB capacity for each disk	
Serial interface	RS-485 (half-duplex)	
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out	N/A	
General		
Power supply	12 VDC	
Consumption (without HDD)	≤ 30 W	≤ 40 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	
Working humidity	10% to 90%	
Dimension (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
Weight (without HDD)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

1: Facial detection and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

Physical Interface

*: The rear panel of iDS-7208HQHI-M2/S provides 8 video input interfaces.

No.	Description	No.	Description
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB interface	8	LAN network interface
3	VIDEO OUT	9	RS-485 serial interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	AUDIO OUT, RCA connector		

Available Model

iDS-7208HQHI-M2/S, iDS-7216HQHI-M2/S