

# iDS-7200HQHI-M1/S SERIES **TURBO ACUSENSE DVR**

## **Key Feature**

- Deep learning-based behavior analysis or facial detection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Up to 6/12/24-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**

- · 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-7204HQHI-M1/S	iDS-7208HQHI-M1/S	iDS-7216HQHI-M1/S			
Facial Detection <sup>1</sup>						
Facial detection and						
capture	1-ch human face capture (HD analog camera)					
Human/Vehicle Analysis <sup>1</sup>						
False alarm reduction	Up to 2-ch	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						
	1-ch (up to 5-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)			
IP video input	IP enhanced mode on:	IP enhanced mode on:	IP enhanced mode on:			
	2-ch (up to 6-ch), each up	4-ch (up to 12-ch), each up	8-ch (up to 24-ch), each up			
	to 4 Mbps	to 4 Mbps	to 4 Mbps			
	Up to 6 MP resolution					
	Support H.265+/H.265/H.264+/H.264 IP cameras					
	4-ch	8-ch	16-ch			
Analog video input	BNC interface (1.0 Vp-p, 75 $\Omega$ ), supporting coaxitron connection					
	3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps					
HDTVI input	*: The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-M1/S, for					
	channel 1/2 of iDS-7208HQHI-M1/S, and for channel 1/2/3/4 of iDS-7216HQHI-M1/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,					

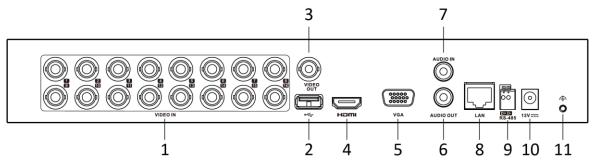


	1024 × 768/60Hz, HDMI/VGA simultaneous output					
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)					
Audio output	1-ch, RCA (Linear, 1 KΩ)					
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)					
Synchronous playback	4-ch	16-ch				
Network						
Remote connection	32	64	128			
Network 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	1 SATA interface, up to 10 TB capacity for each disk					
Serial interface	RS-485 (half-duplex)					
USB interface	Front panel: 1 × USB 2.0;	Front panel: 1 × USB 2.0;				
	Rear panel: 1 × USB 2.0	Rear panel: 1 × USB 3.0				
Alarm in/out	N/A					
General						
Power supply	12 VDC					
Consumption	< 10 M	≤ 24 W				
(without HDD)	≤ 18 W	≤ 24 W				
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)					
Working humidity	10% to 90%					
Dimension (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)					
Weight (without HDD)	≤ 1.16 kg (2.6 lb) ≤ 1.78 kg (3.9 lb)		≤ 2 kg (4.4 lb)			

<sup>1:</sup> 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-7204HQHI-M1/S provides 4 video input interfaces. The rear panel of iDS-7208HQHI-M1/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-7204HQHI-M1/S, iDS-7208HQHI-M1/S, iDS-7216HQHI-M1/S

Distributed by

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