

iDS-7204HQHI-M1/FA **TURBO ACUSENSE DVR**

Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based face picture comparison
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 6-ch IP camera inputs (up to 6 MP)
- Up to 10 TB capacity per HDD



















- 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

Smart Function

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

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable





Specification

Facial Recognition					
Face Picture Comparison	Face picture comparison, face picture search (1-ch face picture comparison alarm for				
	HD analog camera)				
Face Picture Library	Up to 16 face picture libraries, with up to 500 face pictures in total (each picture ≤ 1				
race ricture Library	MB, total capacity ≤ 80 MB)				
Motion Detection 2.0					
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog				
	channels, it can classify human and vehicle, and extremely reduce false alarms caused				
	by objects like leaves and lights;				
	Quick search by object or event type is supported;				
Perimeter Protection					
Human/Vehicle Analysis	Up to 2-ch				
Recording					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264				
	When 1080p Lite mode is not enabled:				
Encoding Decolution	3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF;				
Encoding Resolution	When 1080p Lite mode is enabled:				
	3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF				
	Main stream:				
	When 1080p Lite mode not enabled:				
	For 3K stream access: 3K lite@12fps;4 MP				
	lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps				
	For 5 MP stream access: 5 MP lite@12fps;4 MP				
	lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps				
Frame Rate	For 4 MP stream access: 4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@25fps				
	(P)/30fps (N)				
Trume Nate	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:				
	3K lite/5 MP lite@12fps;4 MP lite@15fps;1080p lite/720p				
	lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)				
	Sub-stream:				
	WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)				
Video Bitrate	32 Kbps to 6 Mbps				



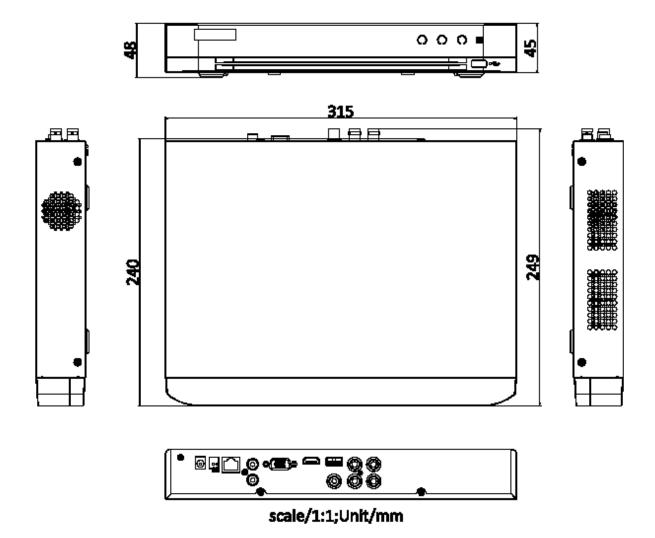
Dual-stream	Support				
Stream Type	Video, Video & Audio				
Audio Compression	G.711u				
Audio Bitrate	64 Kbps				
Video and Audio					
IP Video Input	1-ch (up to 5-ch) Enhanced IP mode on: 2-ch (up to 6-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras				
Analog Video Input	4-ch				
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection				
HDTVI Input	3K(2960 x 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4				
L	MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps				
AHD Input	5 MP(2560 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,				
7415 Input	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps				
HDCVI Input	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,				
HDCVI Input	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps				
CVBS Input	PAL/NTSC				
CVPS Output	1-ch, BNC (1.0 Vp-p, 75 Ω),				
CVBS Output	resolution: PAL: 704 × 576, NTSC: 704 × 480				
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,				
HDMI Output	HDMI/VGA simultaneous output				
VCA Outrout	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,				
VGA Output	HDMI/VGA simultaneous output				
Audia Incus	1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 KΩ)				
Audio Input	4-ch via coaxial cable				
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 Connection	32				
Total Bandwidth	72 Mbps				
	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS,				
Network Protocol	ONVIF				



Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface			
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB 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;			
	Rear panel: 1 × USB 2.0			
Alarm In/Out	N/A (optional to support)			
General				
Power Supply	12 VDC, 1.5 A			
Consumption	≤ 18 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	≤ 1.16 kg (2.6 lb)			

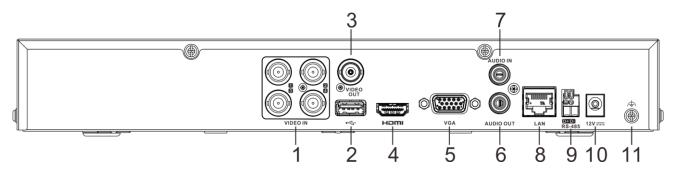


Dimension





Physical Interface



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/FA

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