

iDS-7204HUHI-M1/S **TURBO ACUSENSE DVR**

Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- 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 8-ch IP camera inputs (up to 8 MP)
- 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
- Recording at up to 8 MP resolution

Storage and Playback

• Smart search for efficient playback

Smart Function

- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- 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

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 4-ch	
Facial Detection		
Facial Detection and Capture	Face picture detection, face picture search	
Recording		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding Resolution	8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
	Main stream:	
	8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/8 MP Lite@15 fps/3 MP@18 fps	
	1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)	
Frame Rate	*: 8 MP@8 fps is only available for channel 1, 8 MP Lite is only available for channel 2 to	
	channel 4.	
	Sub-stream:	
	WD1/4CIF/CIF@25 fps (P)/30 fps (N)	
Video Bitrate	32 Kbps to 10 Mbps	
Dual-stream	Support	
Stream Type	Video, Video & Audio	
Audio Compression	G.711u	
Audio Bitrate	64 Kbps	
Video and Audio		
	2-ch (up to 6-ch)	
IP Video Input	Up to 8 MP resolution	
	Enhanced IP mode on:	
	4-ch (up to 8-ch), each up to 4 Mbps	
	Support H.265+/H.265/H.264+/H.264 IP cameras	
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HDMI Output	HDMI:		
	1-ch, 2K (2560 × 1440)/60Hz,		
	1920 × 1080/60Hz,		
	1280 × 1024/60Hz,		
	1280 × 720/60Hz		
	VGA:		
	1-ch, 1920 × 1080/60Hz,		
	1280 × 1024/60Hz,		
	1280 × 720/60Hz		
	HDMI/VGA simultaneous output		
CVBS Input	PAL/NTSC		
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω),		
	resolution: PAL: 704 × 576, NTSC: 704 × 480		
Synchronous playback	4-ch		
	8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 3K(2960 x 1665)@20 fps, 5		
HDTVI Input	MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4		
TIDI VI III PUL	MP(2560 × 1440)@25 fps, 3 MP@18 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps,		
	720p@25 fps		
AHD Input	5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4		
And input	MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps		
	8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 5 MP(2592 × 1944)@20 fps, 4		
HDCVI Input	MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps,		
	720p@30 fps, 720p@25 fps		
Audio Output	1-ch, RCA (Linear, 1 KΩ)		
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the first audio input)		
Network			
Total Bandwidth	96Mbps		
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS,		
	ONVIF		
Remote Connection	32		
Network Interface	1, RJ45 10M/100M 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)		
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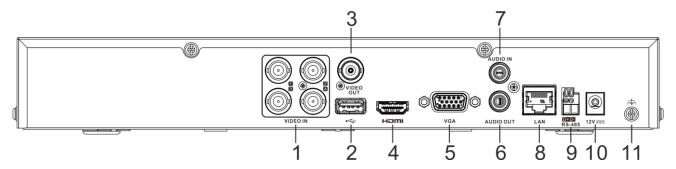
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0	
Alarm In/Out	N/A	
General		
Power Supply	12 VDC	
Consumption	≤ 10 W	
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
Working Humidity	10% to 90%	
Dimension (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	
Weight	≤ 1.16 kg (2.6 lb)	

Note:

- 1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- 2: Enhanced IP mode might be conflicted with smart events (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.
- 3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.



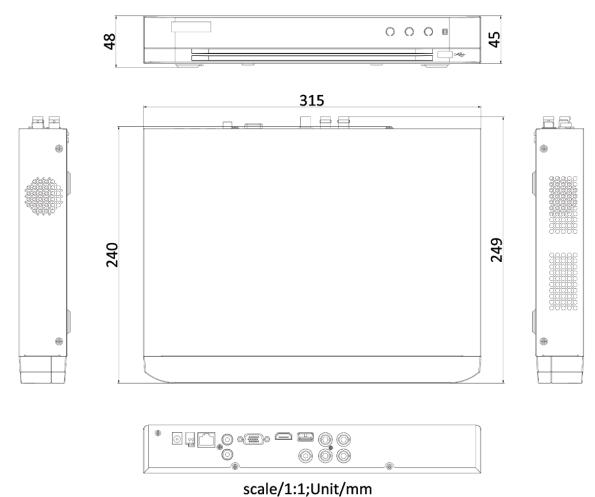
Physical Interface



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		



Dimension



Available Model

iDS-7204HUHI-M1/S

HeadquartersNo.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

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