

iDS-7200HUHI-M1/S SERIES **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 8/16-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
- Support the third party cloud storage

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

Model	iDS-7204HUHI-M1/S	iDS-7208HUHI-M1/S				
Motion Detection 2.0 ¹	Motion Detection 2.0 ¹					
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 ¹						
Human/Vehicle Analysis	Up to 4-ch					
Recording						
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/F	1.264				
Encoding resolution	Main stream: 8 MP@8 fps/5 MP@12 fps/3K@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) *: 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)	fps/8 MP Lite@15 fps 8 MP@8 fps/5 MP@12 fps/3K@12 fps/ VD1/4CIF/VGA/CIF@25 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps is only available for IP Lite is only available to channel 4.				
Video bitrate	32 Kbps to 10 Mbps					
Dual stream	Support					
Stream type						
Audio compression	Video, Video & Audio G.711u					
Audio bitrate	64 Kbps					
Video and Audio	o i nopo					
IP video input²	2-ch (up to 6-ch) Enhanced IP mode on: 4-ch (up to 12-ch) Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras					
Analog video input	4-ch8-chBNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection					
HDTVI input	8 MP@15 fps, 5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps	8 MP@15 fps, 5 MP@20 fps, 3K@20 fps, MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps				
AHD input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 720p@25 fps, 720p@30 fps					
HDCVI input	5 MP@20 fps , 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps					



CVBS input	PAL/NTSC			
avas	1-ch, BNC (1.0 Vp-p, 75 Ω),			
CVBS output	resolution: PAL: 704 × 576, NTSC: 704 × 480			
VGA output	1-ch, 1920 × 1080/60Hz,	1-ch, 1920 × 1080/60Hz,		
	1280 × 1024/60Hz,	1280 × 1024/60Hz,		
	1280 × 720/60Hz	1280 × 720/60Hz		
	4 1 24 (2502 4440) (504	1-ch, 4K (3840 × 2160)/30Hz,		
	1-ch, 2K (2560 × 1440)/60Hz,	2K (2560 × 1440)/60Hz,		
HDMI output	1920 × 1080/60Hz,	1920 × 1080/60Hz,		
-	1280 × 1024/60Hz,	1280 × 1024/60Hz,		
	1280 × 720/60Hz	1280 × 720/60Hz		
Video output mode	HDMI/VGA simultaneous output			
	1-ch (up to 4-ch is optional), RCA (2.0	1-ch (up to 8-ch is optional), RCA (2.0 Vp-		
Audio input ³	Vp-p, 1 KΩ)	ρ, 1 ΚΩ)		
•	4-ch via coaxial cable	8-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 audio input)			
Synchronous playback	4-ch	8-ch		
Network				
Remote connections	32	64		
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
	1, RJ45 10/100 Mbps self-adaptive	1, RJ45 10/100/1000 Mbps self-adaptive		
Network interface	Ethernet interface	Ethernet interface		
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi	dongle through USB interface		
Auxiliary interface				
SATA	1 SATA interface	1 SATA interface		
Capacity	Up to 10 TB capacity for each disk			
Serial interface	RS-485 (half-duplex)			
	Front panel: 1 × USB 2.0	Front panel: 1 × USB 2.0		
USB interface	Rear panel: 1 × USB 2.0	Rear panel: 1 × USB 3.0		
Alarm in/out ³	N/A (optional to support)			
General				
Power supply	12 VDC, 1.5 A	12 VDC, 2 A		
Consumption		≤ 15 W		
(without HDD)	≤ 10 W			
· · · · · · · · · · · · · · · · · · ·	-10 °C to +55 °C (+14 °F to +131 °F)			
Working temperature	-10 C (0 +55 C (+14 F (0 +131 F)	10% to 90%		
Working temperature Working humidity	,			
	,	inch)		

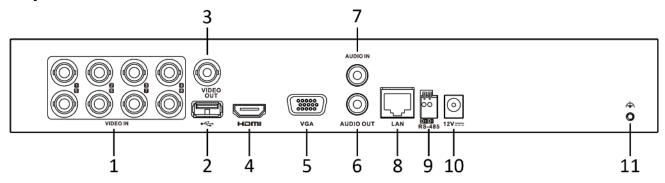


Note:

- 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



*: The rear panel of iDS-7204HUHI-M1/S provides 4 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-7204HUHI-M1/S, iDS-7208HUHI-M1/S

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