

iDS-7200HUHI-M2/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 8/16/32-ch IP camera inputs (up to 8 MP)
- Up to 10 TB capacity per HDD



















Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Recording at up to 8 MP resolution

Storage and Playback

- 2 SATA interfaces
- 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



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Specification

Model	iDS-7204HUHI-M2/S	iDS-7208HUHI-M2/S	iDS-7216HUHI-M2/S		
Motion Detection 2.0 ¹					
Human/Vehicle Analysis	it can classify human and vehicle, and elike leaves and lights;	p learning-based motion detection 2.0 is enabled by default for all analog channels, in classify human and vehicle, and extremely reduce false alarms caused by objects leaves and lights; ck 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+/H.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:	Main stream: 8 MP@8 fps/5 MP@12 f MP@15 fps/3 MP@18 f 1080p/720p/WD1/4CIF/ fps (N)			
	WD1/4CIF/CIF@25 fps (P)/30 fps (N)				
	32 Kbps to 10 Mbps				
	Support				
	Video, Video & Audio				
-	G.711u				
	64 Kbps				
video and Audio		4 als (to 42 als)	0 -h (t- 24 -h)		
Video bit rate Dual stream Stream type Audio compression Audio bit rate Video and Audio IP video input ² Analog video input	2-ch (up to 6-ch) Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps	8-ch (up to 24-ch) Enhanced IP mode on: 16-ch (up to 32-ch), each up to 4 Mbps		
	Up to 8 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 Ω), support	ting 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, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps	8 MP@15 fps, 5 MP@20 MP@30 fps, 4 MP@25 f 1080p@30 fps, 1080p@ 720p@50 fps, 720p@30	ps, 3 MP@18 fps, 25 fps, 720p@60 fps,		
AHD input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 720p@30 fps) fps, 1080p@25 fps, 1080	0p@30 fps, 720p@25		



	5 MD@20 fpc // MD@25 fpc // MD@20 fpc 1000p@25 fpc 1000p@20 fpc 720p@25				
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				
CV DO III PUL	1-ch, BNC (1.0 Vp-p, 75 Ω),				
CVBS output	resolution: PAL: 704 × 576, NTSC: 704 >	× 480			
VGA output					
<u> </u>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz				
HDMI output	1-ch, 2K (2560 × 1440)/60Hz,	1-ch, 4K (3840 × 2160)/30Hz,			
	1920 × 1080/60Hz,	2K (2560 × 1440)/60Hz,			
	1280 × 1024/60Hz,	1920 × 1080/60Hz, 1280 × 1024/60Hz,			
	1280 × 720/60Hz,				
	1024 × 768/60Hz	1280 × 720/60Hz,			
	UDAMA (CA. : II	1024 × 768/60Hz			
Video output mode	HDMI/VGA simultaneous output				
	1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 K Ω)	1-ch (up to 8-ch is	1-ch (up to 16-ch is		
Audio input ³		optional), RCA (2.0 Vp-	optional), RCA (2.0 Vp-		
<u>-</u>		ρ, 1 ΚΩ)	ρ, 1 ΚΩ)		
	4-ch via coaxial cable	8-ch via coaxial cable	16-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 a	udio input)	I		
Synchronous playback	4-ch	8-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,				
Network protocor	ONVIF				
Network interface	1, RJ45 10/100 Mbps self-adaptive 1, RJ45 10/100/1000 Mbps self-adaptive				
	Ethernet interface Ethernet interface				
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface				
Auxiliary interface					
SATA	2 SATA interfaces				
Capacity	Up to 10 TB capacity for each disk				
Serial interface	RS-485 (half-duplex)				
LICD interfere	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, 2.3 A	12 VDC, 2.8 A	12 VDC, 5 A		
Consumption (without			. 40		
HDD)	≤ 10 W ≤ 15 W ≤ 19 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)	≤ 1.16 kg (2.6 lb)	≤ 1.78 kg (3.9 lb)	≤ 2.1 kg (4.6 lb)		
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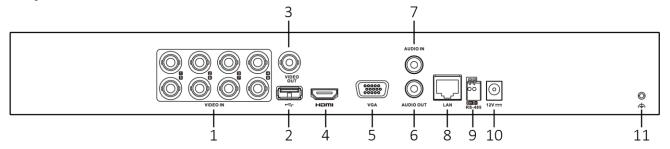


Note:

- 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-M2/S and iDS-7216HUHI-M2/S provide 4 or 16 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-M2/S, iDS-7208HUHI-M2/S, iDS-7216HUHI-M2/S

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