

IDS-7204HUHI-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
- HDTV/1/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, 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 Library	Up to 16 face picture libraries, with up to 500 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 80 MB)
Face Picture Comparison	Face picture comparison, face picture search; 1-ch face picture comparison alarm (HD analog camera)
Perimeter Protection	
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/4 MP@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. 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	
IP Video Input	2-ch (up to 6-ch) Up to 8 MP resolution IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps 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
HDMI Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output

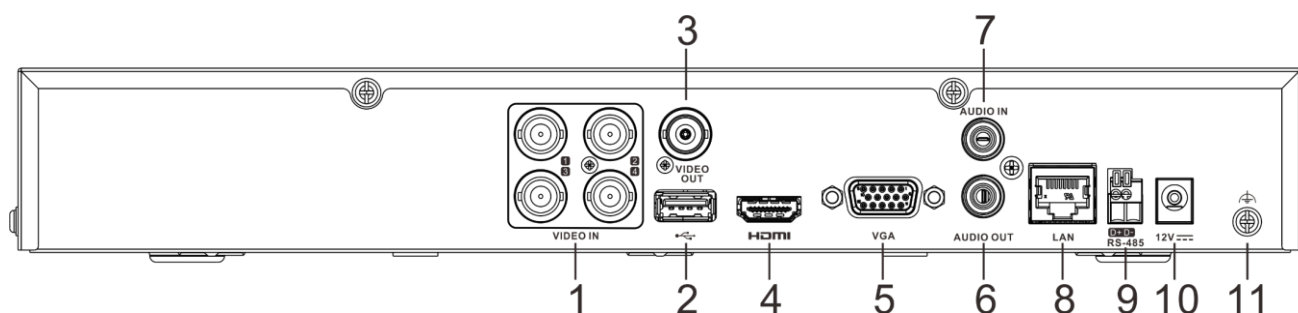
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Synchronous Playback	4-ch
HDTVl Input	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
AHD Input	5 MP, 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
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ), 4-ch via coaxial cable
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Network	
Total Bandwidth	96 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Remote Connection	32
Network Interface	1, RJ45 10/100 Mbps 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)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A
General	
Power Supply	12 VDC, 1.5 A
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: Face picture comparison, motion detection 2.0 and perimeter protection cannot be enabled at the same time.

Enable one function will make the other two unavailable

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

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