HIKVISION®

iDS-7208HUHI-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 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

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
Frame Rate	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) 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	4-ch (up to 12-ch) Up to 8 MP resolution Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps ;Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	8-ch;BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 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	8-ch
HDTVI Input	8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 3K(2960 x 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4 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 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
HDCVI Input	8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 5 MP(2592 × 1944)@20 fps, 4 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 KΩ) (using the first audio input)
Network	
Total Bandwidth	128Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Remote Connection	64
Network Interface	1,RJ45 10M/100M/1000M 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	1 × USB 2.0； 1 × USB 3.0
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)

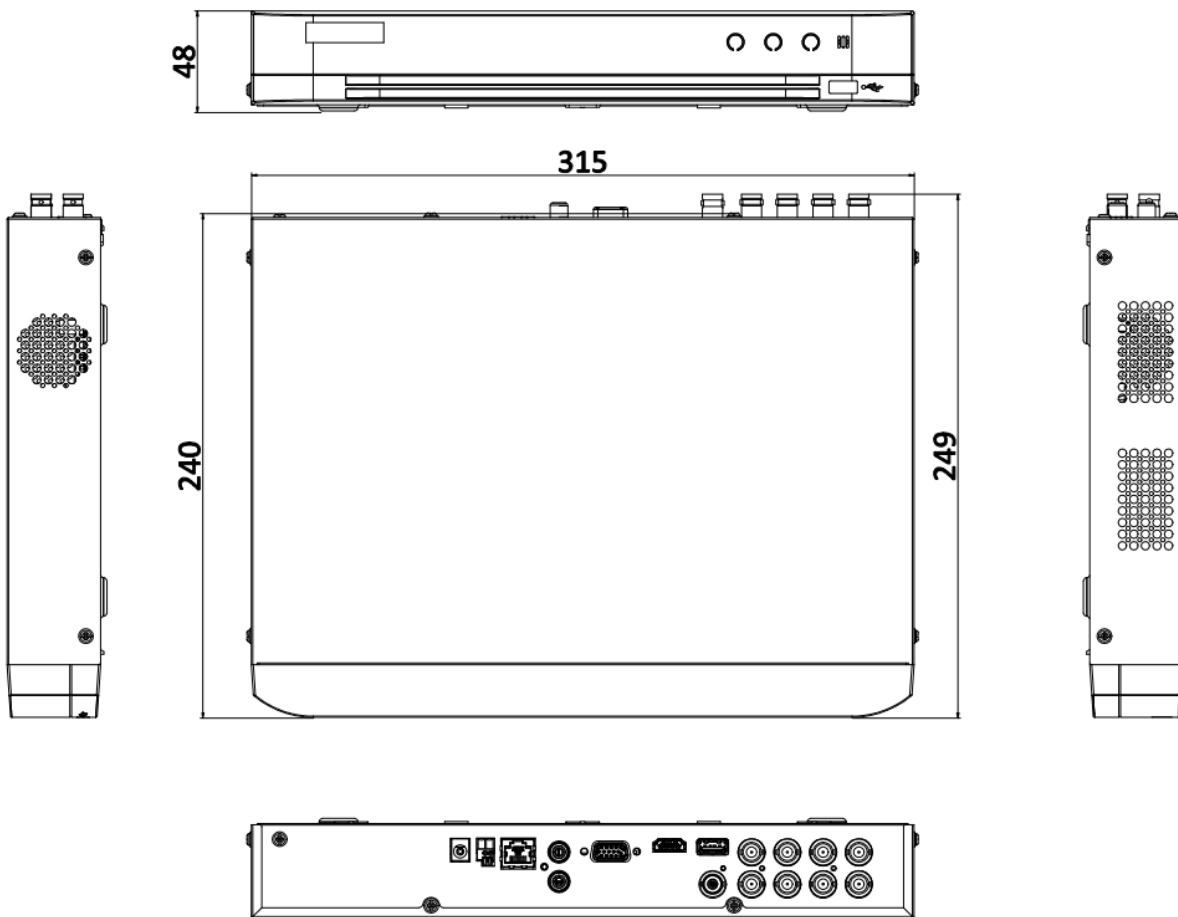| Working Humidity	10% to 90%
Dimension (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
Weight	≤ 2 kg (4.4 lb)

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.
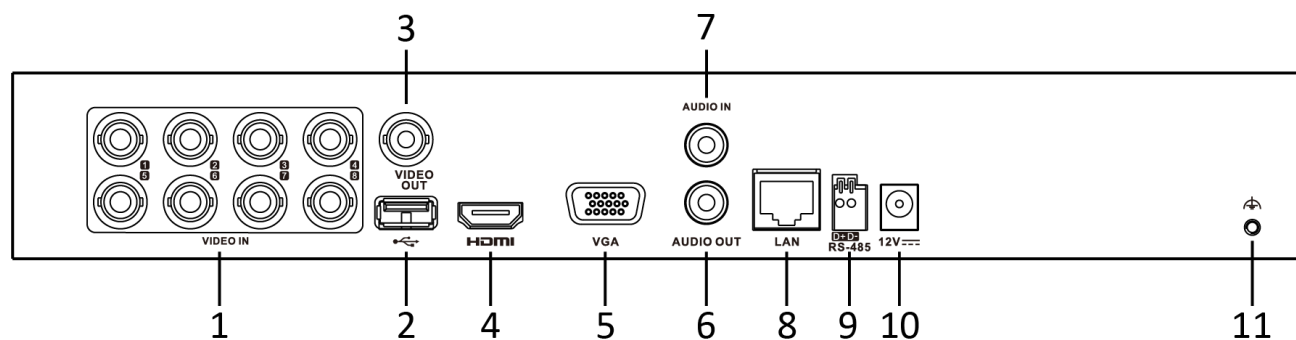
3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.

Dimension

scale/1:1;Unit/mm

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-7208HUHI-M1/S

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