

iDS-7208HQHI-M1/XT 8-ch 1080p 1U H.265 AcuSense DVR

Key Feature

- 8 channels and 1 HDD 1U AcuSense DVR
- Supports 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Support HDTV I Two-Way Audio technology
- Efficient H.265 pro+ compression technology
- Encoding ability up to 3K/5M Lite @ 12 fps
- 5 signals input adaptively (HDTV I/AHD/CVI/CVBS/IP)
- Up to 12 network cameras can be connected
- Support All channels Motion Detection technology



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 3K / 5 MP Lite resolution

Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

Smart Function

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning based perimeter protection

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

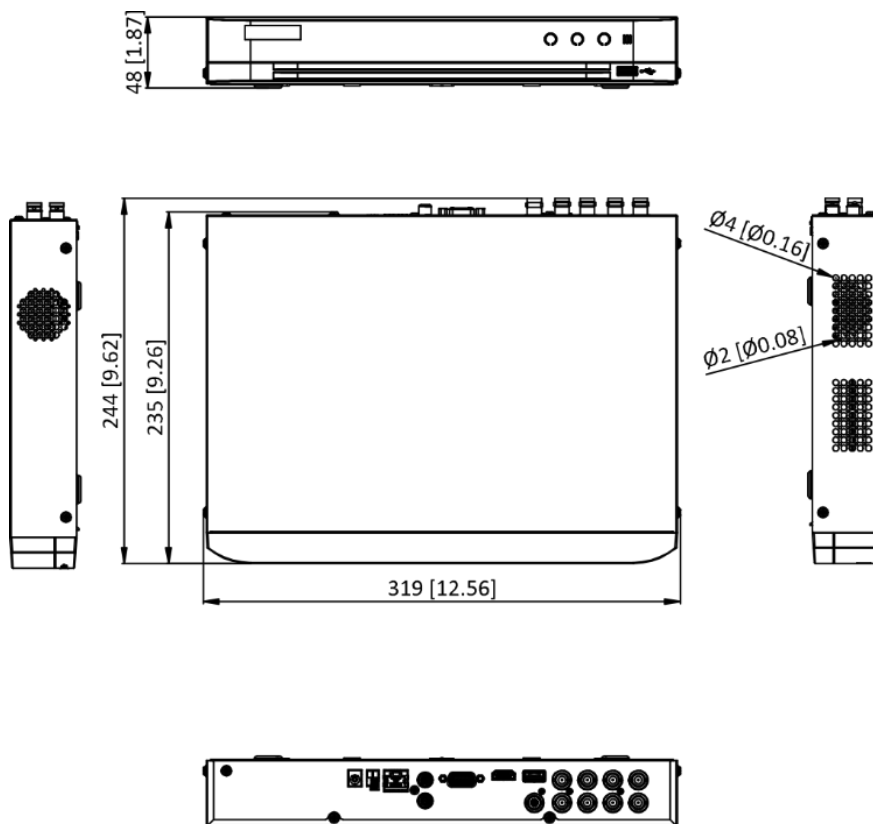
▪ Specification

Facial Recognition	
Face Picture Library	Up to 16 face picture libraries
Face Picture Comparison (Captured from Camera)	Face picture comparison, face picture search (2-ch face picture comparison alarm for HD analog camera)
Motion Detection 2.0	
Human/Vehicle Analysis	<p>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;</p> <p>Quick search by object or event type is supported;</p>
Perimeter Protection	
Human/Vehicle Analysis	<p>Up to 4-ch</p> <p>Note: 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.</p>
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	<p>When 1080p Lite mode is not enabled: 3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF;</p> <p>When 1080p Lite mode is enabled: 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF</p>
Frame Rate	<p>Main stream:</p> <p>When 1080p Lite mode not enabled:</p> <p>For 3K stream access: 3K lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps</p> <p>For 5 MP stream access: 5 MP lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps</p> <p>For 4 MP stream access: 4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)</p> <p>For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)</p> <p>For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)</p> <p>When 1080p Lite mode enabled:</p> <p>3K lite/5 MP lite@12fps;4 MP lite@15fps;1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)</p> <p>Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)</p>

Video Bitrate	32 Kbps to 6 Mbps
Dual-stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Video and Audio	
IP Video Input	<p>2-ch (up to 10-ch)</p> <p>Enhanced IP mode on:</p> <p>4-ch (up to 12-ch), each up to 4 Mbps</p> <p>Up to 6 MP resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p> <p>Note: Enhanced IP mode might be conflicted with smart events (face picture comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.</p>
Analog Video Input	<p>8-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>
HDTVI Input	3K(2960 × 1665)@20 fps, 5 MP(2560 × 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
AHD Input	5 MP(2560 × 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
HDCVI Input	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
CVBS Input	PAL/NTSC
HDMI Output	<p>1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,</p> <p>HDMI/VGA simultaneous output</p>
VGA Output	<p>1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,</p> <p>HDMI/VGA simultaneous output</p>
CVBS Output	<p>1-ch, BNC (1.0 Vp-p, 75 Ω),</p> <p>resolution: PAL: 704 × 576, NTSC: 704 × 480</p>
Audio Input	<p>1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)</p> <p>8-ch via coaxial cable</p> <p>Note: 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.</p>
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)

Synchronous playback	8-ch
Network	
Remote Connection	64
Total Bandwidth	96 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxiliary Interface	
Serial Interface	RS-485 (half-duplex)
SATA	1 SATA interface, up to 10 TB capacity for each disk
Alarm In/Out	N/A (optional to support)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
General	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 18 W (without HDD)
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	≤ 1.78 kg (3.9 lb) (without HDD)

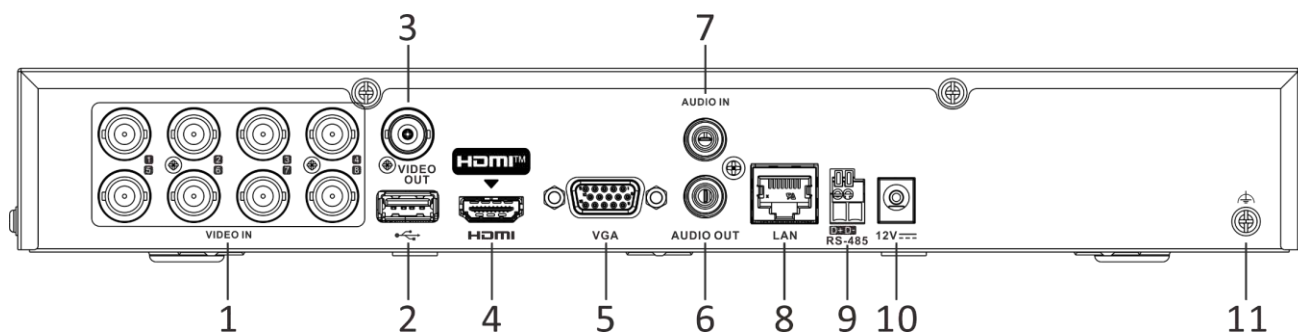
Dimension



Unit:mm [inch]

SCALE 1:1

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-7208HQHI-M1/XT

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