



Contents [\[hide \]](#)

- [1 HIKVISION iDS-7208HQHI Turbo Acusense DVR](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Key Feature](#)
- [5 Functions](#)
- [6 Specification](#)
- [7 DIMENSION](#)
- [8 Physical Interface](#)
- [9 Frequently Asked Questions](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)

HIKVISION®

HIKVISION iDS-7208HQHI Turbo Acusense DVR



Product Information

Specifications

- **Model:** iDS-7208HQHI-M1/XT
- **Channels:** 8

- **Resolution:** 1080p
- **Compression:** H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
- **Recording Resolution:** Up to 3K/5 MP Lite @ 12 fps
- **Storage:** 1 SATA interface (up to 10 TB capacity)
- **Network Connectivity:** Wi-Fi dongle compatible, Hik-Connect & DDNS support

Product Usage Instructions

Compression and Recording

The DVR supports H.265 Pro+ compression for efficient encoding and reduced storage costs. It can record at resolutions up to 3K/5 MP Lite.

Storage and Playback

Connect a SATA interface with a capacity of up to 10 TB for storage. Use the smart search feature for efficient playback.

Smart Functions

The DVR utilizes deep learning for human and vehicle target classification, motion detection 2.0, and perimeter protection.

Note that certain functions cannot be enabled simultaneously.

Network & Ethernet Access

The DVR is compatible with major Wi-Fi dongle products and supports Hik-Connect & DDNS for easy network management.

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 HDTVI Two-Way Audio technology
- Efficient H.265 pro+ compression technology
- Encoding ability up to 3K/5M Lite @ 12 fps
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Up to 12 network cameras can be connected

- Support All channels Motion Detection technology



Functions

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

<p>Face Picture Comparison</p> <p>(Captured from Camera)</p>	<p>Face picture comparison, face picture search (2-ch face picture comparison alarm for HD analog camera)</p>
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:</p> <p>3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF;</p> <p>When 1080p Lite mode is enabled:</p> <p>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/WD1/4 CIF/CIF@25fps (P)/30fps (N) 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:</p> <p>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) Enhanced IP mode on:</p> <p>4-ch (up to 12-ch), each up to 4 Mbps 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	<p>3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4</p> <p>MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps</p>
AHD Input	<p>5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,</p> <p>1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps</p>

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	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60 Hz, HDMI/VGA simultaneous output
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60 Hz, HDMI/VGA simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Input	1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable 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.
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, SA DP, 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
---------------	------------------------------------------------------

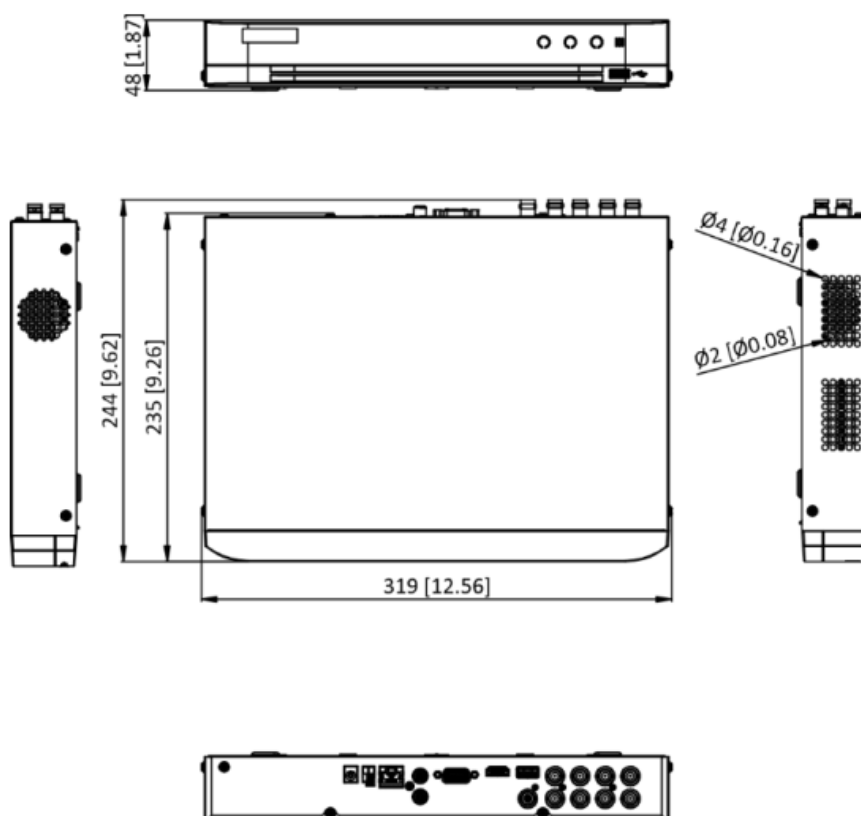
General	
----------------	--

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)

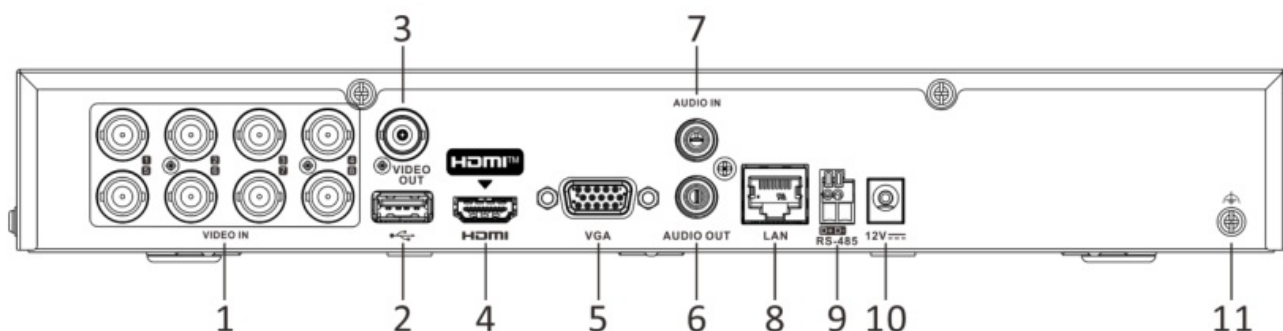
DIMENSION



Unit:mm [inch]

SCALE 1:1

Physical Interface



No.	Description
1	VIDEO IN
2	USB interface
3	VIDEO OUT
4	HDMI interface
5	VGA interface
6	AUDIO OUT, RCA connector

7	AUDIO IN, RCA connector
8	LAN network interface
9	RS-485 serial interface
10	12 VDC power input
11	GND

Available Model

iDS-7208HQHI-M1/XT

Headquarters

No.555 Qianmo Road, Binjiang District,

Hangzhou 310051, China

T +86-571-8807-5998

www.hikvision.com



Follow us on social media to get the latest product and solution information.



©Hikvision Digital Technology Co., Ltd. 2023 | Data subject to change without notice !|

Frequently Asked Questions

Q: Can facial recognition be used simultaneously with motion detection 2.0?

A: No, face picture comparison, motion detection 2.0, and perimeter protection cannot be enabled at the same time.

Enabling one function will make the other two unavailable.


Q: What is the maximum storage capacity supported by the DVR?

A: The DVR supports up to 10 TB capacity on a single SATA interface for storage.

Q: How many network cameras can be connected to the DVR?

A: Up to 12 network cameras can be connected to the DVR.

Documents / Resources

	<p>HIKVISION iDS-7208HQHI Turbo Acusense DVR [pdf] Owner's Manual iDS-7208HQHI-M1-XT, iDS-7208HQHI Turbo Acusense DVR, Turbo Acusense DVR, Acusense DVR</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

- [User Manual](#)

■ Hikvision

🔍 Acusense DVR, Hikvision, iDS-7208HQHI Turbo Acusense DVR, iDS-7208HQHI-M1-XT, TURBO ACUSENSE DVR

—Previous Post

[HIKVISION DS-D5024F2-AV2 FHD Monitor Owner's Manual](#)

Next Post—

[HIKVISION iDS-7204HUHI-M1-X 8mp 4 Channel DVR Switch Owner's](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

[Manuals+](#), [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.