HIKVISION®

iDS-7208HQHI-M2/XT
8-ch 1080p 1U H.265 AcuSense DVR

Key Feature

- 8 channels and 2 HDD 1U AcuSense DVR
- Supports 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Support 4-ch AcuSearch 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-ch network cameras can be connected
- Support All channels Motion Detection Technology
- Support All channels HDTVI Two-Way Audio Technology

Smart Function

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

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

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

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
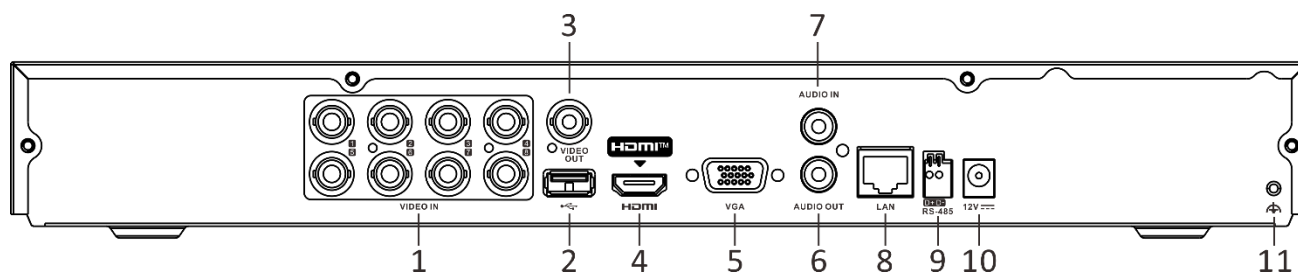- Hik-Connect & DDNS for easy network management

▪ **Specification**

Facial Recognition	
Face Picture Comparison	Face picture comparison, face picture search (2-ch face picture comparison alarm for HD analog camera)
Face Picture Library	Up to 16 face picture libraries
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
Video and Audio	
IP Video Input	4-ch (up to 12-ch), Up to 6 MP resolution
Analog Video Input	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	3K(2960 x 1665)@25/20 fps, 3K(3328x1504)@20fps, 5 MP(2560×1944)@20 fps, 4 MP(2560×1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
AHD Input	5 MP(2560×1944)@20 fps, 4 MP(2560×1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
HDCVI Input	3K(2880×1620)@25fps, 5MP(2592×1944)@20 fps, 4MP(2560×1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704×576, NTSC: 704×480
HDMI Output	1-ch, 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
Audio Input	1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) 8-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 first audio input)
Synchronous Playback	8-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	When 1080p Lite mode is not enabled: 3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF

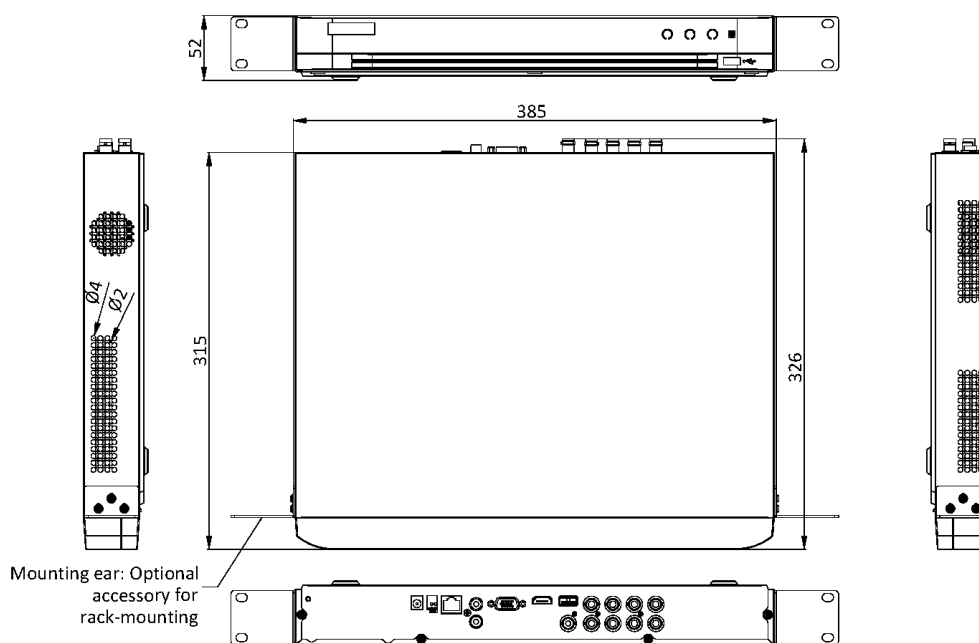|	
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 3K stream access: 3K lite@12fps; 4 MP lite/1080p@15fps; 720p/WD1/4CIF/VGA/CIF@20fps For 5 MP stream access: 5 MP lite@12fps; 4 MP lite/1080p@15fps; 720p/WD1/4CIF/VGA/CIF@20fps For 4 MP stream access: 4 MP lite/1080p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 3K lite/5 MP lite@12fps; 4 MP lite@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
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
Network	
Remote Connection	64
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Total Bandwidth	96 Mbps
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	
SATA	2 SATA interface, 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 (optional to support)
General	
Power Supply	12 VDC, 2.5 A
Consumption	≤ 30 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	384 × 313 × 52 mm (15.1 × 12.3 × 2.0 inch)
Weight	≤ 1.78 kg (3.9 lb)

▪ **Available Model**

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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		

▪ Dimension

Mounting ear: Optional accessory for rack-mounting

scale/1:1;Unit/mm

See Far, Go Further

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