HIKVISION®

iDS-7208HUHI-M2/PXT

Key Feature

- 8 channels and 2 HDD 1U AcuSense PoC DVR
- Support 4-ch Facial Recognition or 8-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Support 8-ch AcuSearch Technology
- Encoding ability up to 4K/8MP@ 8fps; 3K/5MP @12fps
- Up to 16 channels IP camera inputs, each channel up to 8MP
- Up to 24*1080P@30fps decoding ability
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Support All channels Motion Detection technology
- Support HDTVI Two-Way Audio technology
- Efficient H.265 pro+ compression technology

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

Smart Function

- Up to 8 channels (analog channel) Motion Detection 2.0
- Up to 8 channels (advanced model, analog channel) Perimeter Protection
- Up to 4 channels (advanced model, analog channel) human face recognition
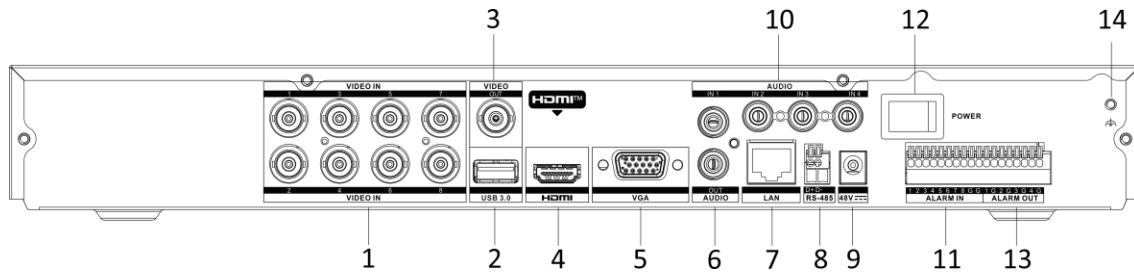- Support smart playback to enhance playback efficiency

Network & Ethernet Access

- Support Hik-Connect & DDNS (Dynamic Domain Name System)
- Output bandwidth limit configurable

▪ Specification

Facial Recognition	
Face Picture Library	Up to 16 face picture libraries; HDD damage will not cause data loss in the face picture library, because the library has been backed up by HDD and flash.
Face Picture Comparison	4-ch face picture comparison alarm (HD analog camera)
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 8-ch (advanced model)
Facial Detection	
Facial Detection and Capture	Face picture detection, face picture search； 4-ch face picture capture
Video and Audio	
IP Video Input	8-ch (up to 16-ch), each up to 8MP
Analog Video Input	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
PoC Camera Input	Support Hikvision PoC camera
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
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	8-ch
HDTVI Input	8 MP(3840 × 2160)@12/15 fps, 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	8 MP(3840 × 2160)@12/15 fps, 3K(2880×1620)@25fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
Audio Output	1-ch, RCA (Linear, 1 KΩ)

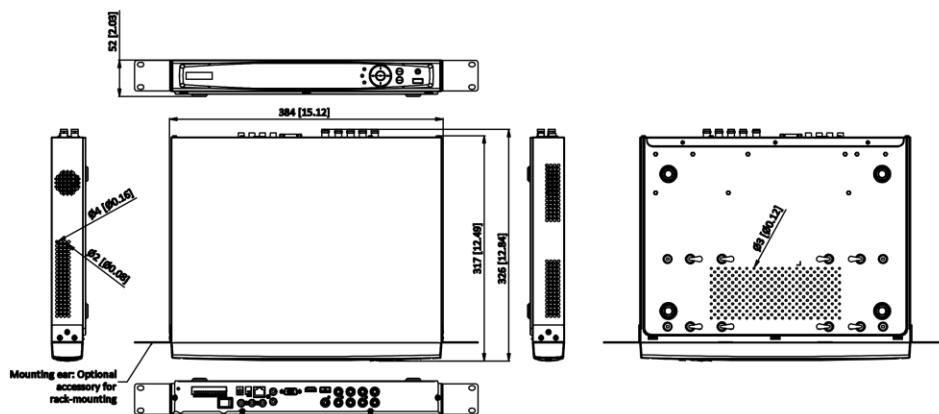|	
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ) , 8-ch via coaxial cable
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
Frame Rate	Main stream: 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 main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Decoding	
Decoding Capability	up to 24-ch 1080P@30fps
Network	
Total Bandwidth	256 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, ISUP
Remote Connection	64
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Auxiliary Interface	
SATA	2 SATA interface
Capacity	up to 12 TB capacity for each disk
Serial Interface	RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 2 × USB 3.0
Alarm In/Out	8/4
General	
Power Supply	48 VDC, 2.5 A
Consumption	≤ 20 W (without HDD)
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)

▪ Physical Interface

No.	Description	No.	Description
1	Video in	8	RS-485 interface
2	USB interface	9	Power supply
3	Video out	10	Audio in
4	HDMI interface	11	Alarm in
5	VGA interface	12	Power switch
6	Audio out	13	Alarm out
7	LAN network interface	14	GND

▪ Available Model

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▪Dimension

Unit:mm [inch]

SCALE	1:1

Appendix

AT/AF Mode

With reference to PoE standards, Hikvision has introduced AT and AF mode for PoC to distinguish the power level of PoC cameras. The maximum operating power of AT and AF are 10 W and 6 W respectively. These two modes are not related to IEEE 802.3 IP standard.

PoC Access Capability

PoC Device	Allowed AT/AF Camera Access
4-ch PoC device	4 AT cameras
8-ch PoC device	8 AT cameras
16-ch PoC device	8 AT cameras + 8 AF cameras Or up to 12 AT cameras

16-ch PoC device is connected to 8 AT cameras through 8 random channels rather than fixed ones. The access scenarios of a 16-ch PoC device are listed in the table below:

AT camera access	12	11	10	9	8	N (0 to 7)
AF camera access	0	2	4	6	8	16-N

See Far, Go Further

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