iDS-7204HTHI-M1/XT
4-ch 8MP 1U H.265 AcuSense DVR

Key Feature

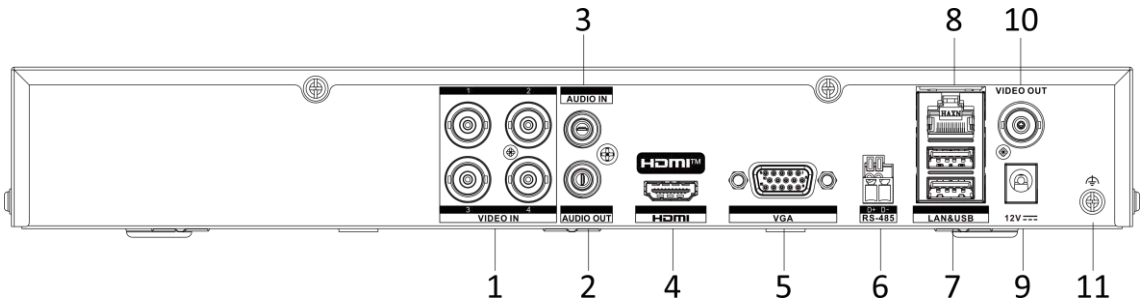
- 4 channels and 1 HDD 1U AcuSense DVR
- Support 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Support 4-ch AcuSearch Technology
- Encoding ability up to 4K/8MP@ 15fps
- Up to 8 channels IP camera inputs, each channel up to 8MP
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Support All channels Motion Detection technology
- Support HDTVI Two-Way Audio technology
- Efficient H.265 pro+ compression technology

▪ Specification

Facial Recognition	
Face Picture Library	Up to 16 face picture libraries
Face Picture Comparison	Face picture comparison, face picture search; 2-ch face picture comparison alarm (HD analog camera)
Perimeter Protection	
Human/Vehicle Analysis	Up to 4-ch
Video and Audio	
IP Video Input	4-ch (up to 8-ch), each up to 8 MP
Analog Video Input	4-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
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	4-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	1-ch, RCA (2.0 Vp-p, 1 KΩ)， 4-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	Main stream: 8 MP@12/15 fps/3K@25/20 fps/5 MP@20 fps/4MP/1080P@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 16 Mbps
Dual-stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Total Bandwidth	96 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Remote Connection	32

Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Auxiliary Interface	
SATA	1 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: 1 × USB 3.0
Alarm In/Out	N/A
General	
Power Supply	12 VDC, 2 A
Consumption	≤ 15 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	319 × 235 × 48 mm (12.6 × 9.3 × 1.9 inch)
Weight	≤ 1.16 kg (2.6 lb)

▪ Physical Interface



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

▪ Available Model

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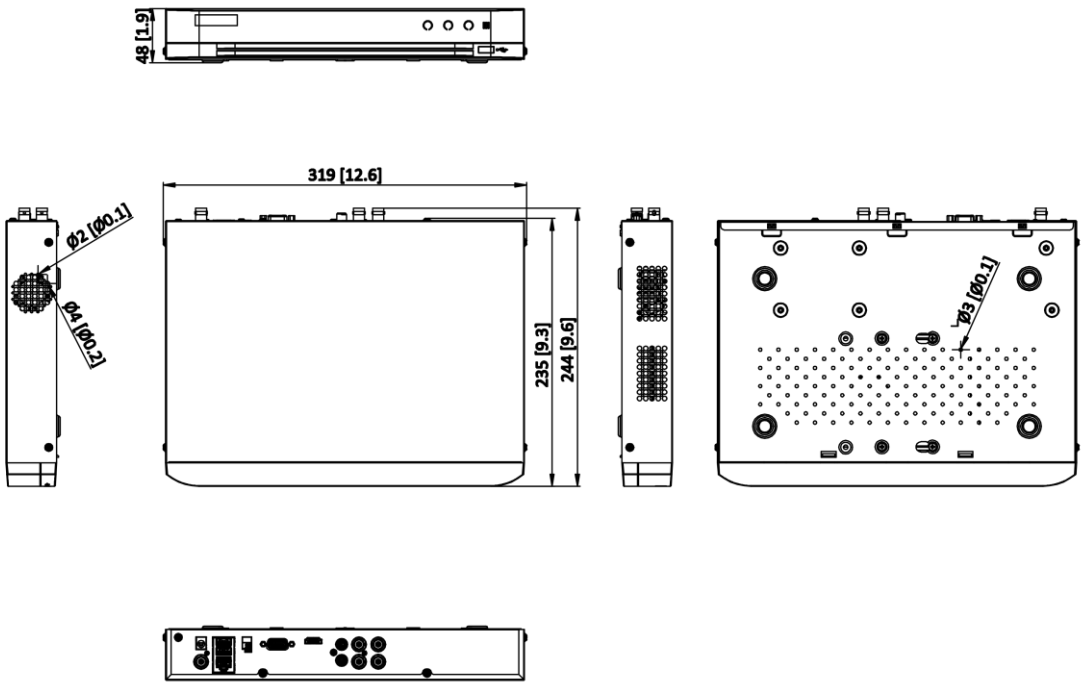
▪ Dimension



Unit:mm [inch]

SCALE	1:1

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support@hikvision.com

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