

iDS-7204HUHI-M1/T 4-ch 5MP 1U H.265 AcuSense DVR

▪ Key Feature

- 4 channels and 1 HDD 1U AcuSense DVR
- Support 4-ch Advanced model Perimeter Protection based on Deep Learning algorithm
- Efficient H.265 pro+ compression technology
- Encoding ability up to 4K/8MP @ 8fps(1-ch); 3K/5MP @12fps
- 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 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 8 MP resolution

Storage and Playback

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

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

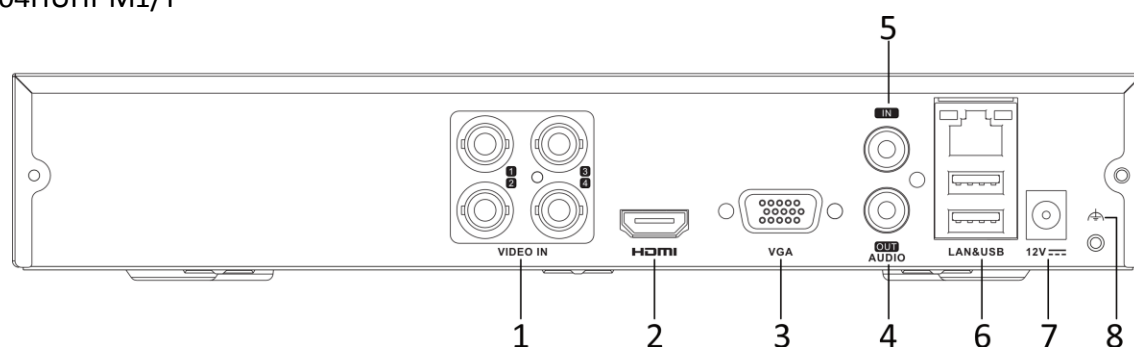
▪ Specification

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	Up to 4-ch
Facial Detection	
Facial Detection and Capture	Face picture detection, face picture search
Video and Audio	
IP Video Input	<p>2-ch (up to 6-ch)</p> <p>Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras</p>
Analog Video Input	<p>4-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>
HDTVI Input	8 MP(3840 × 2160)@12/15 fps, 3K(2960 × 1665)@25/20 fps, 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)@25/20fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
CVBS Input	PAL/NTSC
HDMI Output	1-ch, 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
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	<p>1-ch, RCA (2.0 Vp-p, 1 KΩ)</p> <p>4-ch via coaxial cable</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	4-ch
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	<p>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) *: 8 MP@8 fps is only available for channel 1, 8 MP Lite is only available for channel 2 to channel 4.</p> <p>Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p>
Video Bitrate	32 Kbps to 10 Mbps
Dual-stream	Support

Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Total Bandwidth	96 Mbps
Remote Connection	32
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	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each disk
Alarm In/Out	N/A
USB Interface	2 × USB 2.0
General	
Power Supply	12 VDC, 1.5 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)	263 × 225 × 48 mm (10.3 × 8.8 × 1.9 inch)
Weight	≤ 1.16 kg (without HDD, 2.6 lb.)

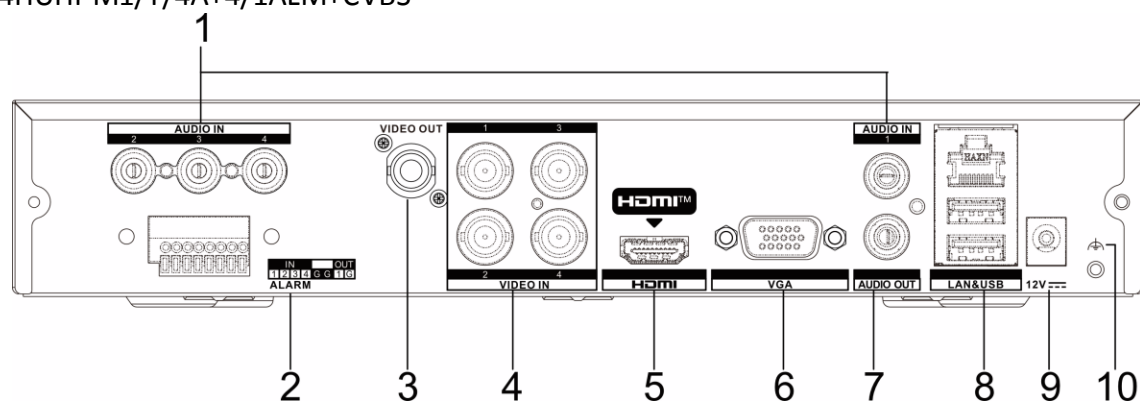
▪ Physical Interface

iDS-7204HUHI-M1/T



No.	Description	No.	Description
1	VIDEO IN	5	AUDIO IN
2	HDMI interface	6	LAN network interface and USB interfaces
3	VGA interface	7	12V DC power input
4	AUDIO OUT	8	GND

iDS-7204HUHI-M1/T/4A+4/1ALM+CVBS



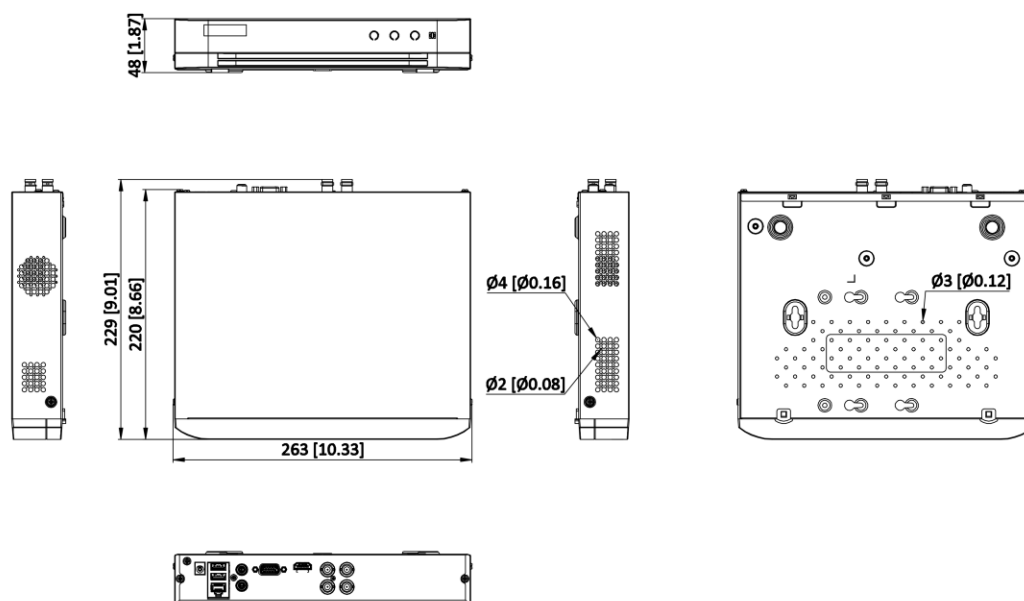
No.	Description	No.	Description
1	AUDIO IN	6	VGA interface
2	ALARM IN and OUT	7	AUDIO OUT
3	VIDEO OUT	8	LAN network interface and USB interfaces
4	VIDEO IN	9	12V DC power input
5	HDMI interface	10	GND

▪ Available Model

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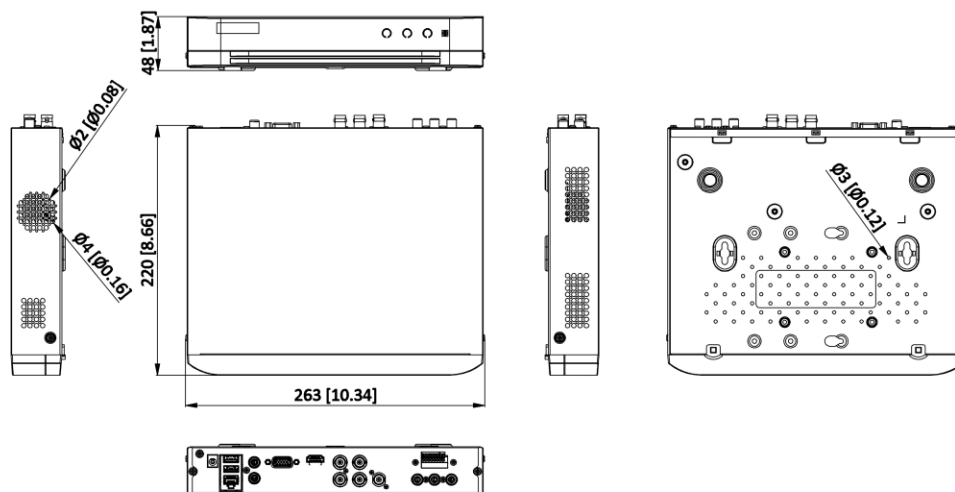
iDS-7204HUHI-M1/T/4A+4/1ALM+CVBS

▪ Dimension



Unit:mm [inch]

SCALE	1:1
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Unit:mm [inch]

SCALE	1:1
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