

iDS-7216HUHI-M1/T 16-ch 5 MP 1U H.265 AcuSense DVR



Key Feature

- 16 channels and 1 HDD 1U AcuSense DVR
- Support 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Encoding ability up to 4K/8MP @ 8fps; 3K/5MP @12fps
- Up to 32 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

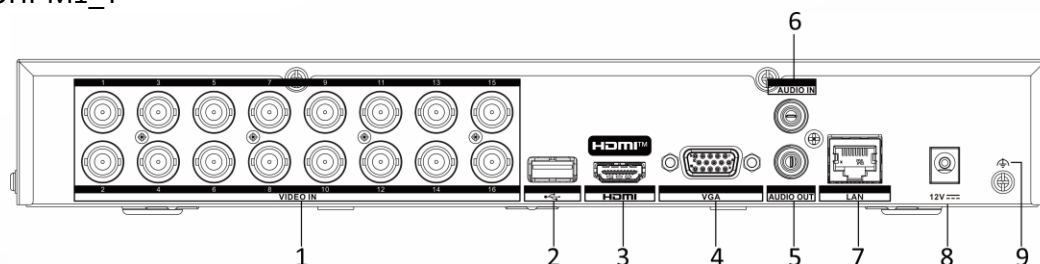
▪ Specification

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
Facial Detection	
Facial Detection and Capture	Face picture detection, face picture search
Video and Audio	
IP Video Input	8-ch (up to 24-ch) Enhanced IP mode on: 16-ch (up to 32-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	16-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 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	16-ch
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
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch (up to 16-ch is optional), RCA (2.0 Vpp, 1 KΩ) 16-ch via coaxial cable
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 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
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Total Bandwidth	128Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Remote Connection	128
Network Interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
Wi-Fi	Wi-Fi Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxiliary Interface	
SATA	1 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
Serial Interface	N/A (optional to support)
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, 3.33 A
Consumption	≤ 40 W
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	319 × 237 × 48 mm (12.6 × 9.3 × 1.9 inch)
Weight	≤ 2.1 kg (4.6 lb)

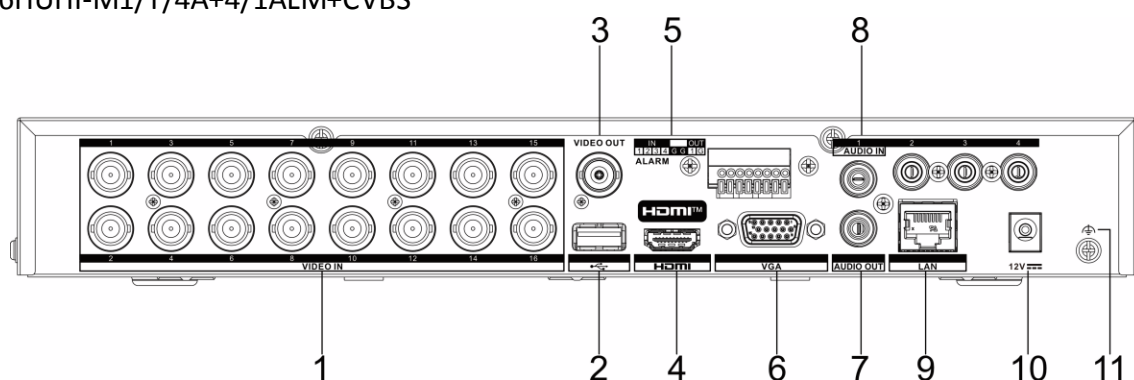
▪ Physical Interface

iDS-7216HUHI-M1_T



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

iDS-7216HUHI-M1/T/4A+4/1ALM+CVBS



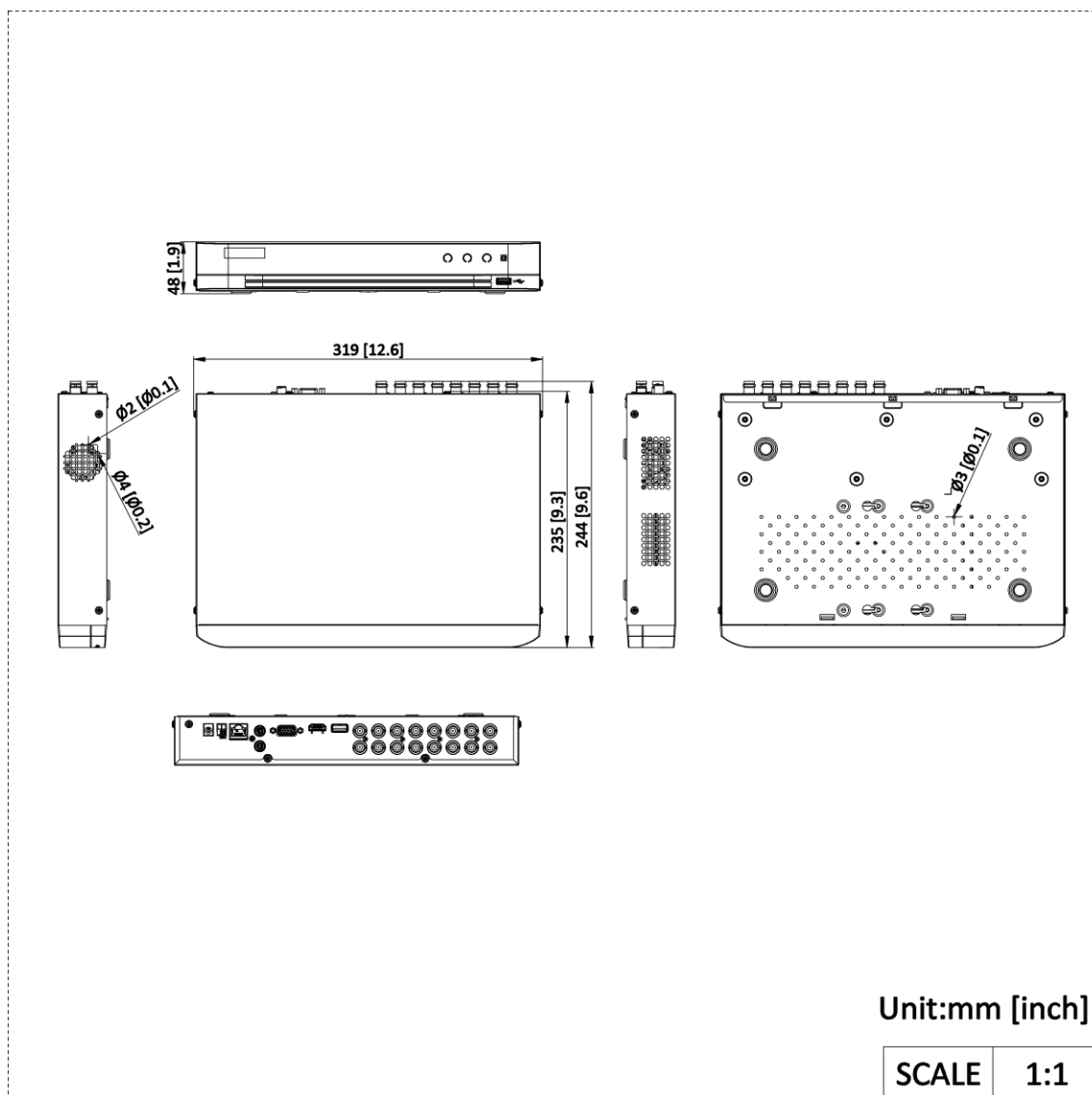
No.	Description	No.	Description
1	VIDEO IN	7	AUDIO OUT
2	USB interface	8	AUDIO IN
3	VIDEO OUT	9	LAN network interface
4	HDMI interface	10	12V DC power input
5	ALARM IN and OUT	11	GND
6	VGA interface		

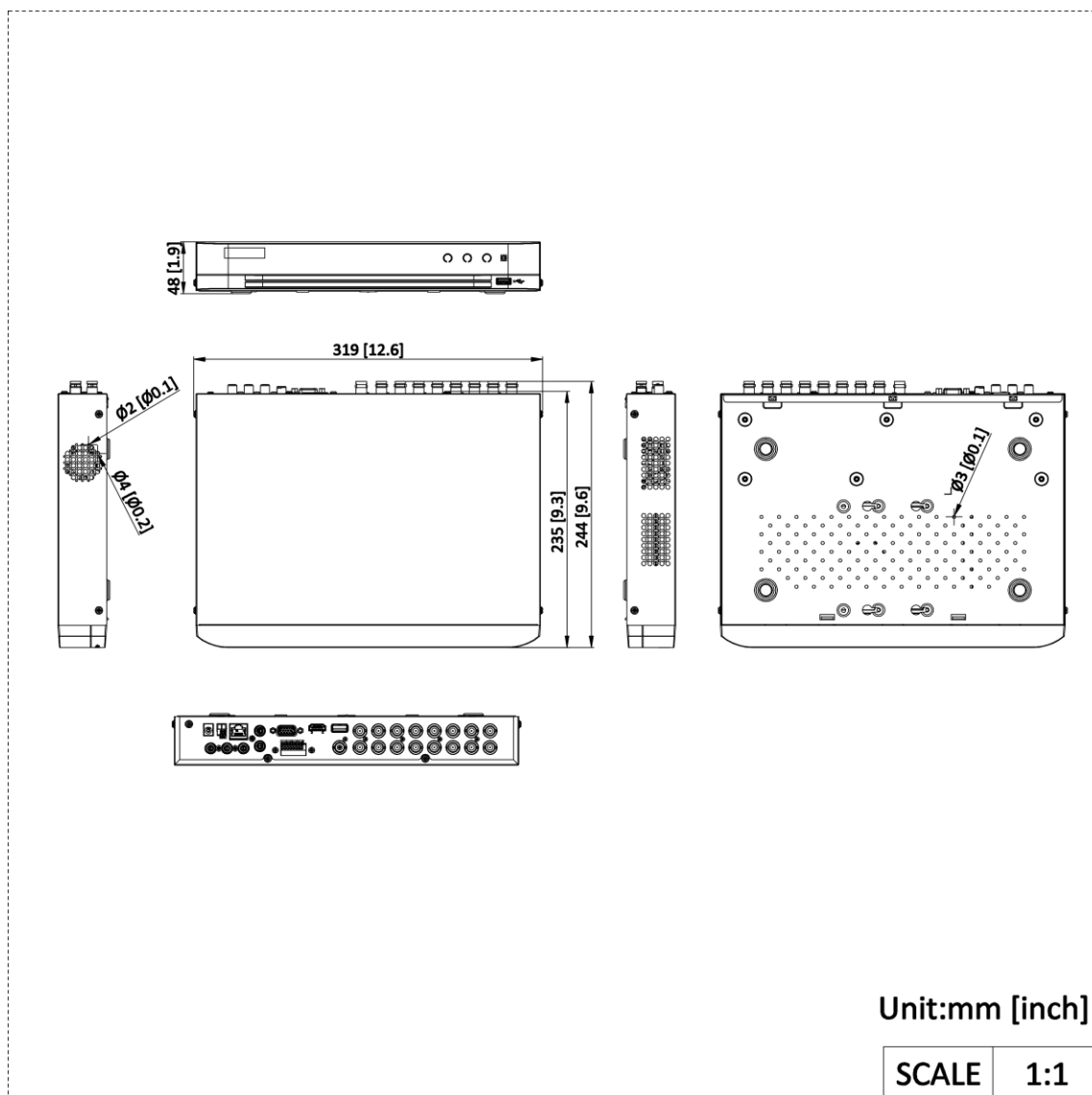
▪ Available Model

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▪ Dimension





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