

iDS-7108HQHI-M1/S (C) **TURBO ACUSENSE DVR**

Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 12-ch IP camera inputs (up to 6 MP)
- Up to 1080p@15 fps encoding capability















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

- 1 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 (Dynamic Domain Name System) for easy network management



Specification

Motion Detection 2.0				
	Deep learning-based motion detection 2.0 is enabled by default for all analog channels,			
Human/Vehicle Analysis	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			
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			
	Main stream:			
	When 1080p Lite mode not enabled:			
Frame Rate	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			
Stream Type	Video, Video & Audio			
Audio Compression	G.711u			
Audio Bitrate	64 Kbps			



2-ch (up to 10-ch) Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras 8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fp 3 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 in 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 in 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 in 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps VBS Input Support IDMI Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Ideo Output Mode HDMI/VGA simultaneous output 1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable sudio Output 1-ch, RCA (Linear, 1 KΩ) wo-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) synchronous Playback 8-ch letwork
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IDCVI Input $1080p@30 \text{ fps, } 1080p@25 \text{ fps, } 720p@30 \text{ fps, } 720p@25 \text{ fps}$ IVBS InputSupportIDMI Output $1\text{-ch, } 1920 \times 1080/60\text{Hz, } 1280 \times 1024/60\text{Hz, } 1280 \times 720/60\text{Hz}$ IGA Output $1\text{-ch, } 1920 \times 1080/60\text{Hz, } 1280 \times 1024/60\text{Hz, } 1280 \times 720/60\text{Hz}$ Video Output ModeHDMI/VGA simultaneous outputIndio Input $1\text{-ch, RCA } (2.0 \text{ Vp-p, } 1 \text{ K}\Omega)$ Indio Output $1\text{-ch, RCA } (\text{Linear, } 1 \text{ K}\Omega)$ Indio Output $1\text{-ch, RCA } (2.0 \text{ Vp-p, } 1 \text{ K}\Omega)$ (using the first audio input)Indio Output $1\text{-ch, RCA } (2.0 \text{ Vp-p, } 1 \text{ K}\Omega)$ (using the first audio input)Indio Output $1\text{-ch, RCA } (2.0 \text{ Vp-p, } 1 \text{ K}\Omega)$ (using the first audio input)
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ynchronous Playback 8-ch
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otal Bandwidth 96 Mbps
emote Connection 64
TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTT
ONVIF
letwork Interface 1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Vi-Fi Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
uxiliary Interface
ATA 1 SATA interface
Up to 10 TB capacity for each disk
larm In/Out N/A
ISB Interface Real panel: 2 × USB 2.0



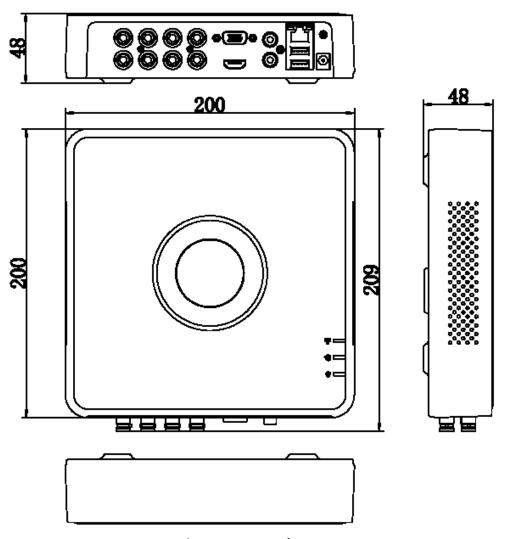
General		
Power Supply	12 VDC, 1.33 A	
Consumption	≤ 12 W (without HDD)	
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
Working Humidity	10% to 90%	
Dimension (W × D × H)	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)	
Weight	≤ 1 kg (without HDD, 2.2 lb.)	

Note:

- Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- Enhanced IP mode might be conflicted with smart events (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.



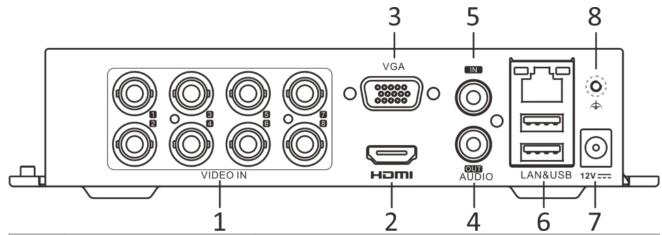
Dimension



scale/1:1;Unit/mm



Physical Interface



No.	Description	No.	Description
1	Video and coaxial audio in	5	AUDIO IN, RCA connector
2	HDMI interface	6	LAN network interface and USB interface
3	VGA interface	7	12 VDC power input
4	AUDIO OUT, RCA connector	8	GND

Available Model

iDS-7108HQHI-M1/S

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