iDS-7108HQHI-M1/S
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 4 MP Lite resolution

Storage and Playback

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

Network & amp; Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & amp; DDNS (Dynamic Domain Name System) for easy network management

▪ Specification

Model	iDS-7108HQHI-M1/S
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

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
	Frame Rate	Main stream: When 1080p Lite mode not enabled: 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
Video and Audio	IP Video Input	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
	Analog Video Input	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI Input	3K(2960 x 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps
	AHD Input	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
	HDCVI Input	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
	CVBS Input	Support
	HDMI Output	1-ch, 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	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable
	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	8-ch
Network	Total Bandwidth	96 Mbps
	Remote Connection	64
	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

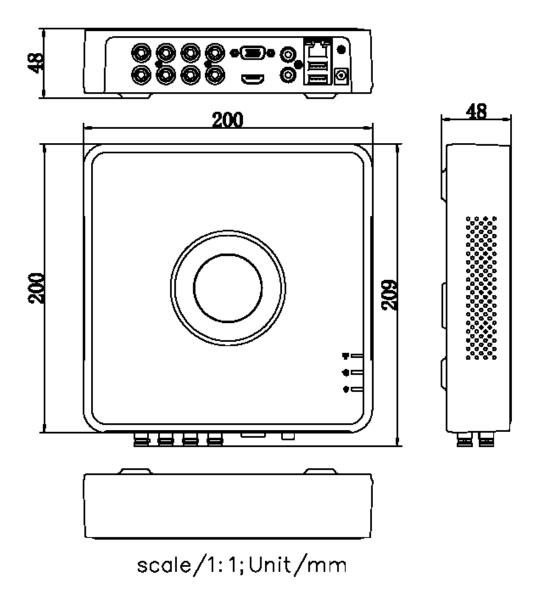| Auxiliary Interface	SATA	1 SATA interface
	Capacity	Up to 10 TB capacity for each disk
	Alarm In/Out	N/A
	USB Interface	Real panel: 2 × USB 2.0
General	Power Supply	12 VDC, 1.33 A
	Consumption	≤ 12 W (without HDD)
	Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
	Working Humidity	10% to 90%
	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.
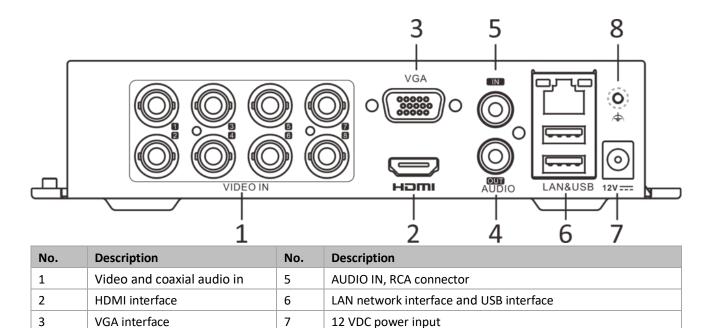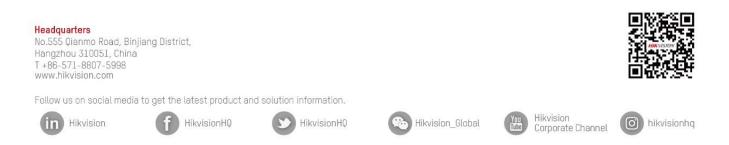
Dimension

200

48

200

209

48

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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