

iDS-7316HQHI-M4/S TURBO HD DVR

Key Feature

- Deep learning-based perimeter protection
- Deep learning-based motion detection 2.0 for all analog channels
- Up to 24-ch IP camera inputs and 4 SATA interfaces
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- Up to 1080p@15 fps encoding capability
- HDTVI/AHD/CVI/CVBS/IP video inputs
- POS triggered recording and POS information overlay



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 4 MP Lite resolution

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface
- Smart search for efficient playback

Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

Specification

Model		iDS-7316HQHI-M4/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, for channel 1/2/3/4 only
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/4 MP Lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 3K lite/4 MP Lite/1080p Lite/720p Lite/VGA/WD1/4CIF/CIF
	Frame Rate	Main stream: When 1080p Lite mode is not enabled: For 3K stream access: 3K lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode is enabled: 3K lite@12fps;4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
	Video Bitrate	32 Kbps to 6 Mbps
	Dual-stream	Support
	Stream Type	Video, Video & Audio
Audio Compression	G.711u	
Audio Bitrate	64 Kbps	

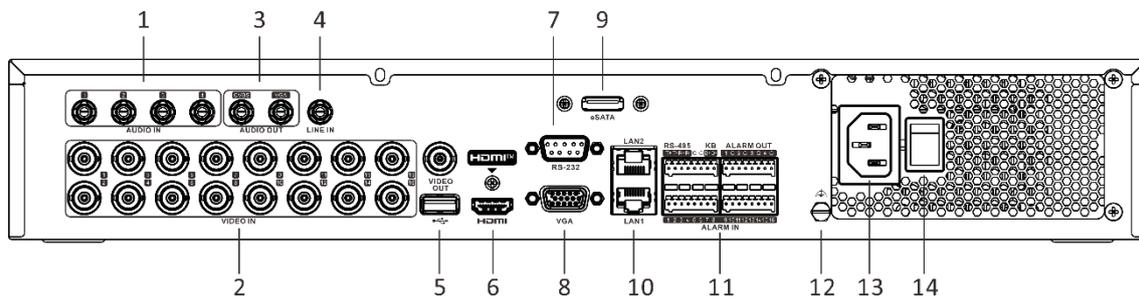
Video and Audio	IP Video Input	8-ch (up to 24-ch) Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
	Analog Video Input	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI Input	3K, 4 MP, 1080p25, 1080p30, 720p25, 720p30
	AHD Input	4 MP, 1080p25, 1080p30, 720p25, 720p30
	HDCVI Input	1080p25, 1080p30, 720p25, 720p30
	CVBS Input	PAL/NTSC
	CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Video Output Mode	HDMI/VGA simultaneous output
	Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
	Audio Output	2-ch, RCA (Linear, 1 KΩ)
	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, independent)
Synchronous Playback	16-ch	
Network	Total Bandwidth	240 Mbps
	Remote Connection	128
	Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
	Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Auxiliary Interface	Serial Interface	RS-232, RS-485 (full-duplex), Keyboard
	SATA	4 SATA interfaces
	eSATA	1 eSATA interface
	Capacity	Up to 12 TB capacity for each disk
	USB Interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0

	Alarm In/Out	16/4
General	Power Supply	100 to 240 VAC, 50 to 60 Hz
	Consumption	≤ 55 W (without HDD)
	Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
	Working Humidity	10% to 90%
	Dimension (W × D × H)	445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch)
	Weight	≤ 5 kg (without HDD, 11.0 lb)

Note:

- 1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- 2: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, “4A+8/4ALM” means your device has 4 audio inputs, 8 alarm inputs and 3 Alarm outputs. If your device only has 1 audio input, the tag may not describe it.

Physical Interface



No.	Description	No.	Description
1	AUDIO IN, RCA connector	8	VGA interface
2	Video and coaxial audio in	9	eSATA interface
3	AUDIO OUT (CVBS and VGA)	10	LAN 1 and LAN 2 network interfaces
4	LINE IN	11	Alarm in, alarm out, RS-485 and keyboard
5	USB interface and VIDEO OUT	12	GND
6	HDMI interface	13	Power supply
7	RS-232 serial interface	14	Power switch

Available Model

iDS-7316HQHI-M4/S

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com



Follow us on social media to get the latest product and solution information.

