

## DS-7300HQHI-F4/N SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Connectable to HD-TVI, AHD, network and analog cameras
- Up to 4MP ONVIF conformant IP cameras input
- Long distance transmission over twisted-pair cable & coax cable

#### Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 1080p resolution
- Supports 1080p lite mode enabled to realize the real-time 1080p lite and 720p lite resolution
- Supports POS triggered recording

#### Video Output

- HDMI output at up to 4K (3840 × 2160) resolution
- CVBS output improves compatibility at the most possibility

#### Storage and Playback

- Four SATA interfaces (up to 6TB of capacity per HDD) & 1 eSATA interface
- HDD quota and group management for flexible recording storage
- USB 3.0 provides high-speed file transfer and backup
- 4/8/16-ch synchronous playback at up to 1080p resolution
- Smart search for efficient playback
- Supports the 3<sup>rd</sup> party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

- Supports multiple VCA(Video Content Analytics) events for both analog and smart IP cameras
- VQD(Video Quality Diagnostics)

#### Network & Ethernet Access

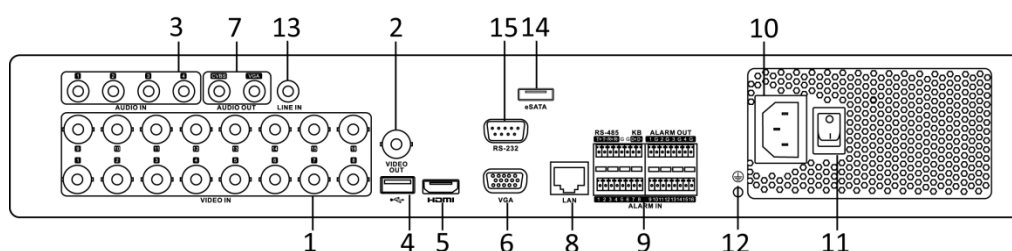
- Hik-connect Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- Gigabit Ethernet network interface



## Specifications

Model		DS-7304HQHI-F4/N	DS-7308HQHI-F4/N	DS-7316HQHI-F4/N
Video/Audio input	Video compression	H.264+/H.264		
	Video input	4-ch	8-ch	16-ch
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection		
	Supported HDTV input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz		
	Supported AHD input	720p/25Hz, 720p/30Hz		
	CVBS input	Support		
	IP video input	2-ch (up to 6-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
		Up to 4MP resolution		
Audio compression	G.711u			
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	CVBS output	Support		
	HDMI/VGA output	<b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz <b>VGA:</b> 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz		
		Encoding resolution	When 1080p Lite mode not enabled: 1080p(non-real-time)/720p(non-real-time)/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF	
	Frame rate	Main stream: 25fps(P)/30fps(N)		
		Sub-stream: WD1/4CIF (non-real-time); CIF/QVGA/QCIF (real time)		
	Video bit rate	32 Kbps to 6 Mbps		
	Audio output	2-ch, RCA (Linear, 1 KΩ)		
	Audio bit rate	64 Kbps		
	Dual-stream	Support		
	Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch	
Network management	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-connect Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	SATA	4 SATA interfaces		
	eSATA	Support		
	Capacity	Up to 6TB capacity		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)		
	Network interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
	USB interface	2 USB 2.0 on the front panel		
		1 USB 3.0 on the rear panel		
	Serial interface	1 RS-232 serial interface 1 RS-485 serial interface, full-duplex 1 RS-485 keyboard interface		
Alarm in/out	16/4			
General	Power supply	100 to 240 VAC		
	Consumption (without HDD)	≤ 30 W	≤ 40 W	≤ 55 W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch)		
Weight (without HDD)	≤ 5 kg (11.0lb)			

## Physical Interfaces



The rear panel of DS-7304HQHI-F4/N and DS-7308HQHI-F4/N provide 4 and 8 video input interfaces respectively.

Index	Description	Index	Description
1	VIDEO IN	9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
2	VIDEO OUT	10	100 to 240 VAC Power Input
3	AUDIO IN, RCA Connector	11	Power Switch
4	USB Port	12	GND
5	HDMI Interface	13	LINE IN
6	VGA Interface	14	eSATA Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT	15	RS-232 Serial Interface
8	LAN Network Interface		

## Available Models

DS-7304HQHI-F4/N, DS-7308HQHI-F4/N, DS-7316HQHI-F4/N

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