

**DS-7316HTHI-K4 TURBO HD DVR**

104-881



**Key Feature**

- Support H.265 Pro+/H.265 Pro/H.265 video compression
- Support HDTV/AVHD/CVI/CVBS/IP video input
- Up to 32-ch IP camera input (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTV signal transmission
- Up to 10 TB capacity per HDD
- Support 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 8 MP resolution

**Storage and Playback**

- 4 SATA interfaces and 1 eSATA interface
- Smart search for efficient playback
- Support the 3rd party cloud storage
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme

**Smart Function**

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

**Network & Ethernet Access**

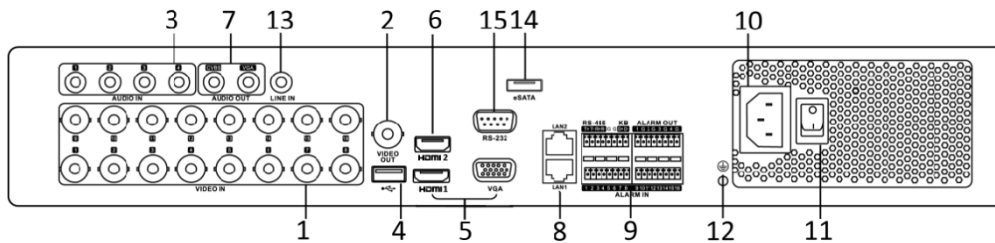
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Configurable output bandwidth limit

## Specification

<b>Model</b>	<b>DS-7316HTHI-K4</b>
<b>Recording</b>	
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>Encoding resolution</b>	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
<b>Frame rate</b>	Main stream: 8 MP@12 fps/5 MP@20 fps; 3 MP@18fps; 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
	Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
<b>Video bit rate</b>	32 Kbps to 16 Mbps
<b>Dual stream</b>	Support
<b>Stream type</b>	Video, Video & Audio
<b>Audio compression</b>	G.711u
<b>Audio bit rate</b>	64 Kbps
<b>Video and Audio</b>	
<b>IP video input</b>	16-ch (up to 32-ch)
	Up to 8 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
<b>Analog video input</b>	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
<b>HDTVI input</b>	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
<b>AHD input</b>	5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30
<b>HDCVI input</b>	4 MP, 720p25, 720p30, 1080p25, 1080p30
<b>CVBS input</b>	PAL/NTSC
<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω)
<b>HDMI1/VGA output</b>	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
<b>HDMI2 output</b>	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
<b>Audio input</b>	4-ch, RCA (2.0 Vp-p, 1 KΩ)
<b>Audio output</b>	2-ch, RCA (Linear, 1 KΩ)
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
<b>Synchronous playback</b>	16-ch
<b>Network</b>	
<b>Remote connections</b>	128
<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
<b>Network interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Auxiliary interface</b>	
<b>SATA</b>	4, SATA interface
<b>eSATA</b>	1, eSATA interface
<b>Capacity</b>	Up to 10 TB capacity for each disk
<b>Serial interface</b>	RS-232, RS-485 (full-duplex), Keyboard
<b>Alarm in/out</b>	16/4

<b>USB interface</b>	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
<b>General</b>	
<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz, 1.3 A
<b>Consumption (without HDD)</b>	≤ 45 W
<b>Working temperature</b>	-10 °C to 55 °C (14 °F to 131 °F)
<b>Working humidity</b>	10% to 90%
<b>Dimension (W × D × H)</b>	445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch)
<b>Weight (without HDD)</b>	≤ 6 kg (13.2 lb)

## Physical Interface



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 Interface	12	GND
5	HDMI1/VGA Interface	13	LINE IN
6	HDMI2 Interface	14	eSATA Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT	15	RS-232 Serial Interface
8	LAN1 and LAN2 Network Interfaces		

## ORDERING INFORMATION

104-881 Hikvision DS-7316HTHI-K4 TVI DVR 8MP 16ch DVR inc 3TB HDD



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