DS-7300HUHI-K4 SERIES TURBO HD DVR

Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTVI/AHD/CVI/CVBS/IP video input.
- Max 8/16/32 IP cameras input (up to 8 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTVI signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.

Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 8 MP lite resolution.

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive).
- Hot-swappable HDD supporting 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.
- Supports 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.
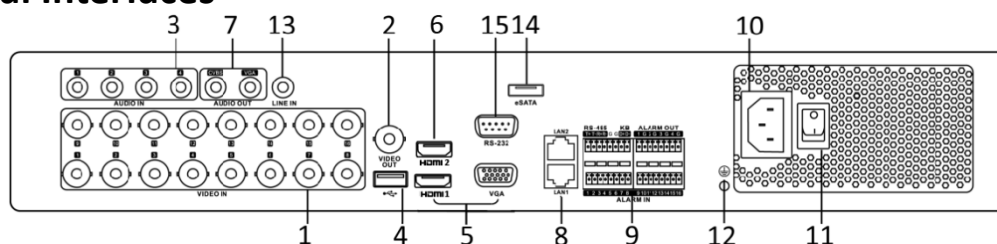- Output bandwidth limit configurable.

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Specifications

Model	DS-7304HUHI-K4	DS-7308HUHI-K4	DS-7316HUHI-K4
Recording			
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
Encoding resolution	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF		
Frame rate	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
	Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)		
Video bit rate	32 Kbps to 10 Mbps		
Dual stream	Support		
Stream type	Video, Video & Audio		
Audio compression	G.711u		
Audio bit rate	64 Kbps		
Video and Audio			
IP video input	4-ch (up to 8-ch)	8-ch (up to 16-ch)	16-ch (up to 32-ch)
	Up to 8 MP resolution		
	Support H.265+/H.265/H.264+/H.264 IP cameras		
Analog video input	4-ch	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60		
AHD input	5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30		
HDCVI input	4 MP, 720p25, 720p30, 1080p25, 1080p30		
CVBS input	Support		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
HDMI1/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
HDMI2 output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
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	4-ch	8-ch	16-ch
Network			
Remote connections	128		
Network protocols	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			
SATA	4 SATA interfaces		
eSATA	Support		
Capacity	Up to 10 TB capacity for each disk		
Serial interface	RS-232, RS-485 (full-duplex), Keyboard		
Alarm in/out	16/4		

USB interface	Front panel: 2 × USB 2.0		
	Rear panel: 1 × USB 3.0		
General			
Power supply	100 to 240 VAC		
Consumption (without HDD)	≤ 35 W	≤ 45 W	≤ 65 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)		
Weights (without HDD)	≤ 5 kg (11.0 lb)		

Physical Interfaces

NOTE The rear panel of DS-7304/7308HUHI-K4 provides 4/8 video input interfaces.

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		

Available Models

DS-7304HUHI-K4, DS-7308HUHI-K4, DS-7316HUHI-K4