

DS-6700HUHI-K SERIES TURBO HD ENCODER



Features and Functions

Video Input and Transmission

- Self-adaptive HDTV/HD/SD/AV/TVBS signal input
- Up to 8 MP HDTV video input and live view
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Full channel recording at up to 8 MP resolution

Storage and Playback

- 1 SATA interface for DS-6704HUHI-K, and 2 SATA interfaces for DS-6708/6716HUHI-K (up to 8 TB capacity per HDD)
- Searching and playing back record files by camera number, recording type, start time, end time, etc.

Smart Function

- Supports line crossing detection, intrusion detection, sudden scene change detection, and audio exception detection

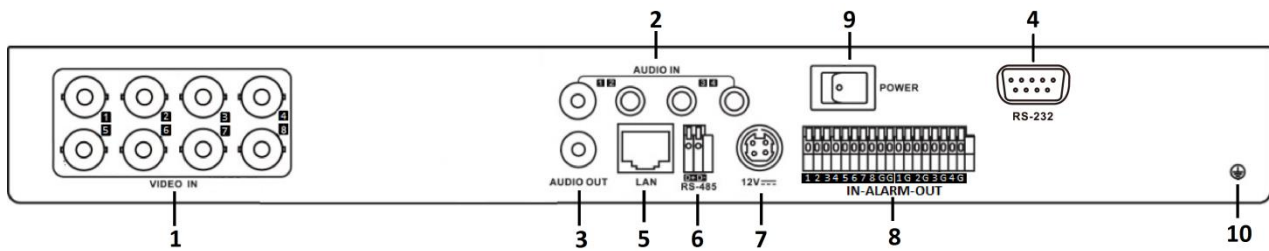
Network & Ethernet Access

- DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface (DS-6708HUHI-K and DS-6716HUHI-K)

Specifications

Model		DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
Video/Audio input/output	Video input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	8-ch	16-ch
	HDTVI input	5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	8MP, 5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	
	AHD input	5MP, 4MP, 1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	4MP, 1080p25, 1080p30, 720p25, 720p30		
	CVBS input	PAL/NTSC		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
	Audio output	1-ch, RCA (Linear, 1 KΩ)		
	Synchronous playback	4-ch	8-ch	16-ch
Video/Audio encoding	Video compression	H.265+/H.265/H.264+/H.264		
	Audio compression	G.711u		
	Main stream	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
	Frame rate	Main stream: 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)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 10 Mbps		
	Audio bit rate	64 Kbps		
	Dual stream	Support		
	Network management	Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF profile S	
Storage	SATA	1 SATA interface	2 SATA interfaces	
	Capacity	Up to 8 TB capacity for each disk		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 st audio input)		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	Serial interface	RS-485 (half-duplex); RS-232		
	Alarm in/out	4/1	8/4	16/4
General	Power supply	12 VDC, 1.5 A	12 VDC, 3.33 A	12 VDC, 5 A
	Consumption (without HDD)	≤ 10 W	≤ 20 W	≤ 25 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

Physical Interfaces



NOTE

The rear panel of DS-6704/6716HUHI-K provides 4/16 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	6	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	7	12 VDC Power Input
3	AUDIO OUT, RCA Connector	8	Alarm In/Out
4	RS-232 Serial Interface	9	Power Switch
5	LAN Network Interface	10	GND