DS-6700HUHI-K SERIES TURBO HD ENCODER

Features and Functions

Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- 5 MP/4 MP HDTVI 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 5 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

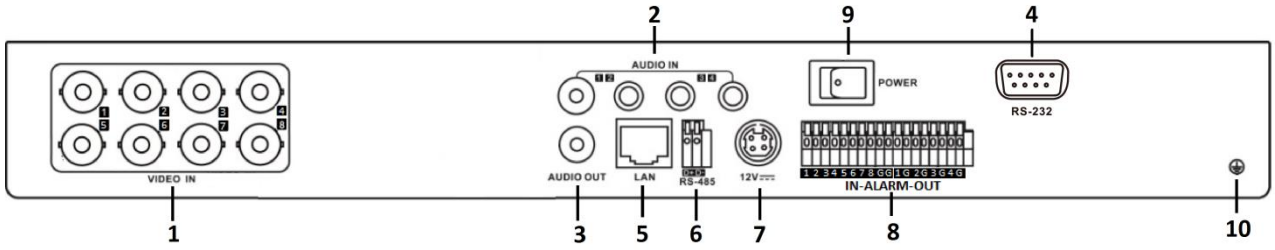
Network & Ethernet Access

- DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface

Specifications

Model		DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
Video/Audio input/output	Video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	HDTVI input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
	AHD input	1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	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		
	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)		
	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, SNMP, 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 1st audio input)		
	Network 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		
	Consumption (without HDD)	≤ 10 W	≤ 20 W	≤ 25 W
	Working temperature	-10 ºC to +55 ºC (+14 ºF to +131 ºF)		
	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

Available Models

DS-6704HUHI-K, DS-6708HUHI-K, DS-6716HUHI-K

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