DS-6700HUHI SERIES TURBO HD ENCODER

Features and Functions

Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- Up to 5 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/MJPEG for the sub-stream of analog cameras
- Full channel recording at up to 5 MP resolution

Storage and Playback

- 1 Micro SD card slot (8G up to 128 GB capacity)
- 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

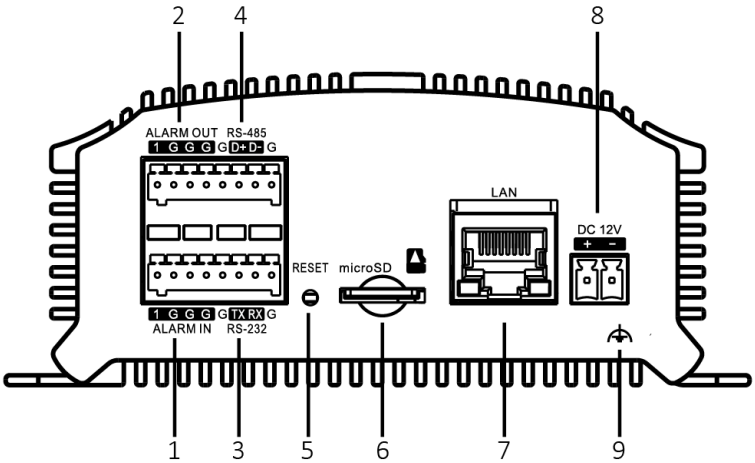
Network & Ethernet Access

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

Specifications

Model		DS-6701HUHI	DS-6704HUHI
Video/Audio input/output	Video input	1-ch	4-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
	HDTVI input	5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
	AHD input	1080p25, 1080p30, 720p25, 720p30	
	HDCVI input	1080p25, 1080p30, 720p25, 720p30	
	CVBS input	PAL/NTSC	
	Audio input	1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN)	4-ch
	Audio output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
	Synchronous playback	1-ch	4-ch
Video/Audio encoding	Video compression	MJPEG (sub-stream)/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	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)	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, NFS, UPnP™, HTTPS, ONVIF profile S	
Storage	SD Card	1 Micro SD card slot, support Micro SD card	
	Capacity	8G Up to 128 GB	
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	
	Serial interface	RS-485 (half-duplex); RS-232	
	Alarm in/out	1/1	4/2
General	Power supply	12 VDC, 1.25 A	
	Consumption	≤ 15W	
	Working temperature	-10 °C to +55 °C (+144 °F to +131 °F)	
	Working humidity	10% to 90%	
	Dimensions (W × D × H)	165 × 114 × 48 mm(6.4 × 4.5 × 1.9 inch)	
	Weight	≤ 1.5 kg (3.3 lb)	

Physical Interfaces



NOTE

The rear panel of DS-6704HUHI provides 4 alarm in and 2 alarm out interfaces.

Index	Description	Index	Description
1	Alarm In	**6**	Micro SD Card Slot
2	Alarm Out	**7**	LAN Network Interface
3	RS-232 Serial Interface	**8**	12 VDC Power Input
4	RS-485 Serial Interface	**9**	GND
5	RESET		

Available Models

DS-6701HUHI, DS-6704HUHI

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