

DS-7100HUHI-K1 SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 8/16-ch 8 MP IP cameras input for DS-7104/7108HUHI-K1
- 8 MP/5 MP/4 MP HDTV video input and live view for DS-7108HUHI-K1, and 5 MP/4 MP for DS-7104HUHI-K1
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 8 MP resolution

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7108HUHI-K1

Storage and Playback

- 1 SATA interface (up to 6 TB capacity per HDD)
- 4/8-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

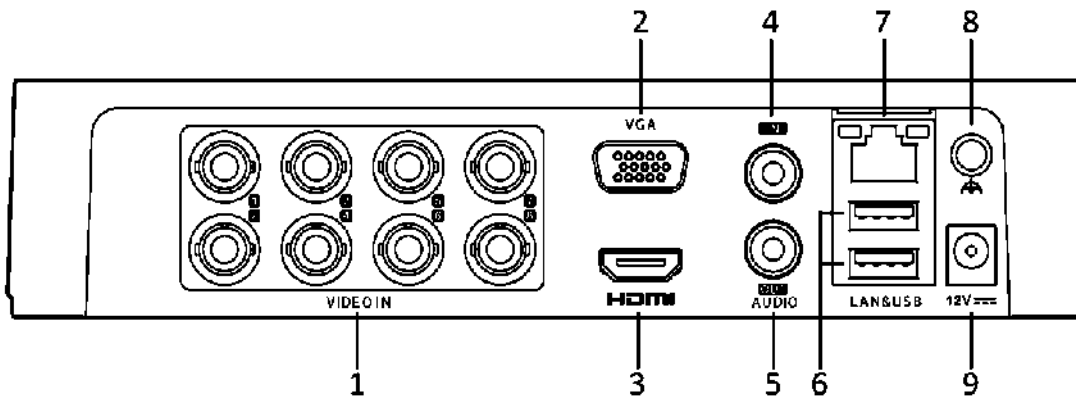
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for DS-7104HUHI-K1, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for DS-7108HUHI-K1
- Output bandwidth limit configurable



Specifications

Model	DS-7104HUHI-K1		DS-7108HUHI-K1		
Video/Audio input	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264			
	Analog video input	4-ch	8-ch		
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
	HDTVl input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
	AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30			
	HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30			
	CVBS input	PAL/NTSC			
	IP video input	4-ch (up to 8-ch)		8-ch (up to 16-ch)	
		Up to 8 MP resolution			
		Supports H.265+/H.265/H.264+/H.264 IP cameras			
Audio compression	G.711u				
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
Video/Audio output	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
				HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Encoding resolution	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)		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			
	Audio output	1-ch, RCA (Linear, 1 KΩ)			
	Audio bit rate	64 Kbps			
	Dual stream	Support			
	Stream type	Video, Video & Audio			
	Synchronous playback	4-ch		8-ch	
Network management	Incoming bandwidth	32 Mbps		64 Mbps	
	Remote connections	32		64	
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
Hard disk	SATA	1 SATA interface			
	Capacity	Up to 6 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		
	USB interface	2 × USB 2.0			
General	Power supply	12 VDC			
	Consumption (without HDD)	≤ 15 W			
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)			
	Working humidity	10% to 90%			
	Dimensions (W × D × H)	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)	285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)		
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)		≤ 2 kg (4.4 lb)	

Physical Interfaces



NOTE

The rear panel of DS-7104HUHI-K1 provides 4 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	6	USB Interface
2	VGA Interface	7	LAN Network Interface
3	HDMI Interface	8	GND
4	AUDIO IN	9	12 VDC Power Input
5	AUDIO OUT		

Available Models

DS-7104HUHI-K1, DS-7108HUHI-K1

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