

## DS-7100HGHI-E1 SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Connectable to HDTV and analog cameras
- Long distance transmission over UTP and coaxial cable

#### Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 720p resolution

#### Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution

#### Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback at up to 720p resolution
- Smart search for efficient playback

#### Smart Function

- VQD (Video Quality Diagnostics)

#### Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface



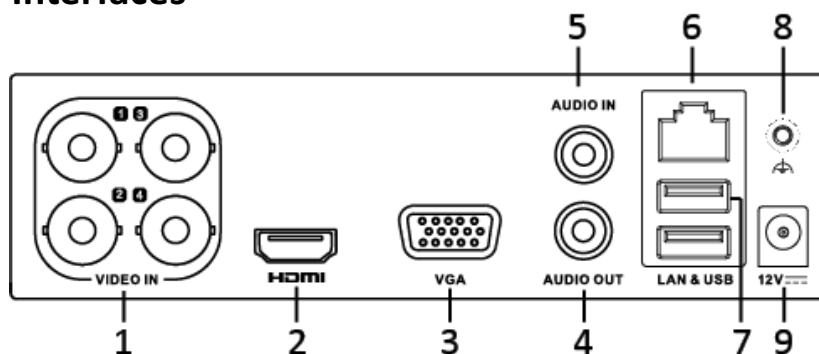
## Specifications

Model		DS-7104HGHI-E1	DS-7108HGHI-E1	DS-7116HGHI-E1
Video/Audio input	Video compression	H.264+/H.264		
	Analog and HDTV video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	Supported camera types	720p/25Hz, 720p/30Hz, CVBS		
	Audio compression	G.711u		
	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video/Audio output	HDMI/VGA output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Encoding resolution	720p/WD1/4CIF/VGA/CIF		
	Frame rate	Main stream: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
		Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 4 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	16-ch
Network management	Remote connections	32	128	
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface		
	Capacity	Up to 6 TB capacity for each disk		
External interface	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		
	USB interface	2 × USB 2.0		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 20 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)	≤ 0.8 kg (1.8 lb)		≤ 1.2 kg (2.6 lb)



Each two video channels are grouped in sequence, e.g., CH01 and CH02, CH03 and CH04...; and each two channels in the same group must be connected with the same type of video source (TVI or CVBS). The above information is for reference only. Please refer to the specific configuration of the device.

## Physical Interfaces



The rear panel of DS-7108/7116HGHI-E1 provides 8/16 video input interfaces.

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

## Available Models

DS-7104HGHI-E1, DS-7108HGHI-E1, DS-7116HGHI-E1

Distributed by



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