DS-7200HGHI-F1 SERIES TURBO HD DVR

Features and Functions

Video Input and Transmission

- Connectable to HDTVI, AHD and analog cameras
- Up to 2-ch 1080p IP cameras input
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Full channel recording at up to 720p resolution

Video Output

- 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

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin*
- Clear-text password available

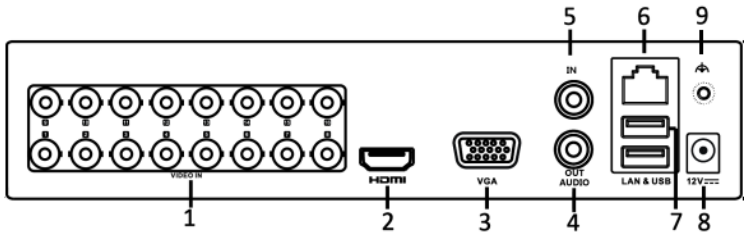
Network & Ethernet Access

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

Specifications

Model		DS-7204HGHI-F1	DS-7208HGHI-F1	DS-7216HGHI-F1
Video/Audio input	Video compression	H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	HDTVI input	720p25, 720p30		
	AHD input	720p25, 720p30		
	CVBS input	Support		
	IP video input	1-ch	2-ch	
		Up to 960p resolution	Up to 1080p resolution	
	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	1-ch, 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: CIF/QVGA/QCIF@ 25fps (P)/30fps (N); 2CIF@6fps	Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N); 4CIF/2CIF@6fps	
	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	Rear panel: 2 × USB 2.0		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 20 W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)		
	Weight (without HDD)	≤ 1 kg (2.2 lb)		≤ 1.2 kg (2.6 lb)

Physical Interfaces



NOTE

The rear panel of DS-7204/7208HGHI-F1 provides 4/8 video input interfaces.

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

Available Models

DS-7204HGHI-F1, DS-7208HGHI-F1 and DS-7216HGHI-F1

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