DS-7100HGHI-K1 TURBO HD DVR

Key Feature

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 5-ch IP camera input for DS-7104HGHI-K1 (up to 1080p);
  Up to 10-ch IP camera input for DS-7108HGHI-K1 (up to 5 MP)
- Max. 1200 m for 720p HDTVI signal

Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 1080p Lite of all channels. When 1080p Lite is on, the image effect is similar with 1080p

Storage and Playback

- 1 SATA interface (up to 4 TB capacity per HDD)
- Smart search for efficient playback

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 64/72 Mbps total bandwidth

Specification

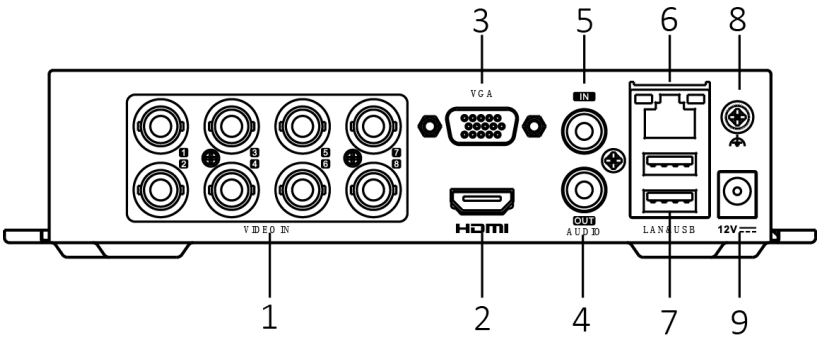
Model	DS-7104HGHI-K1	DS-7108HGHI-K1
Recording		
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding resolution	When 1080p Lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF	
Frame rate	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@15 fps; For SD stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF@15 fps
	Sub-stream: 4CIF/CIF/QVGA@25 fps (P)/30 fps (N)	Sub-stream: CIF/QVGA@25 fps (P)/30 fps (N)
Video bit rate	32 Kbps to 4 Mbps	
Stream type	Video, Video & Audio	
Audio compression	G.711u	
Audio bit rate	64 Kbps	
Video and Audio		
IP video input	1-ch (up to 5-ch)	2-ch (up to 10-ch)
	Up to 1080p resolution	Up to 5 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras	
Analog video input	4-ch	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
Turbo HD input	1080p25, 1080p30, 720p25, 720p30	
AHD input	1080p25, 1080p30, 720p25, 720p30	
HDCVI input	1080p25, 1080p30, 720p25, 720p30	
CVBS input	Support	
HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	
Audio input	1-ch RCA (2.0 Vp-p, 1 KΩ)	
	4-ch via coaxial cable	8-ch via coaxial cable
Audio output	1-ch, RCA (Linear, 1 KΩ)	
Two-way audio	Reuse the first audio input	
Synchronous playback	4-ch	8-ch
Network		
Remote connection	32	64
Network protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Network interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	
Auxiliary interface		
SATA	1 SATA interface	
Capacity	Up to 4 TB capacity for each disk	
Alarm in/out	N/A	

USB interface	Rear panel: 2 × USB 2.0	
General		
Power supply	12 VDC, 1.5 A	
Consumption (without HDD)	≤ 16 W	≤ 17 W
Working temperature	-10 °C to 55 °C (14 °F to +31 °F)	
Working humidity	10% to 90%	
Dimension (W × D × H)	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)	
Weight (without HDD)	≤ 0.8 kg (1.8 lb)	

Note:

For each analog and network channel, its main stream and sub-stream cannot be viewed at the same time. If a client is viewing the main stream of a channel, then other clients can only view the main stream of this channel at the moment.

Physical Interface



***: The rear panel of DS-7104HGHI-K1 provides 4 video input interfaces.**

No.	Description	No.	Description
1	Video and Audio 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 Model

DS-7104HGHI-K1, DS-7108HGHI-K1

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