

DS-7100HGHI-F1/N SERIES TURBO HD DVR

Key Features

- Support H.264+/H.264 video compression
- Support HDTV/AVD/CVI/CVBS/IP video input
- Up to 5-ch IP camera input for DS-7104HGHI-F1/N (up to 1080p);
Up to 10/18-ch IP camera input for DS-7108/7116HGHI-F1/N (up to 5 MP)
- Max. 1200 m for 720p HDTV signal



Compression and Recording

- H.264 + can be enabled to improve encoding efficiency and reduce data storage costs
- Support 1080p lite of all channels. When 1080p lite is on, the image effect is similar with 1080p

Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- Smart search for efficient playback

Smart Function

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

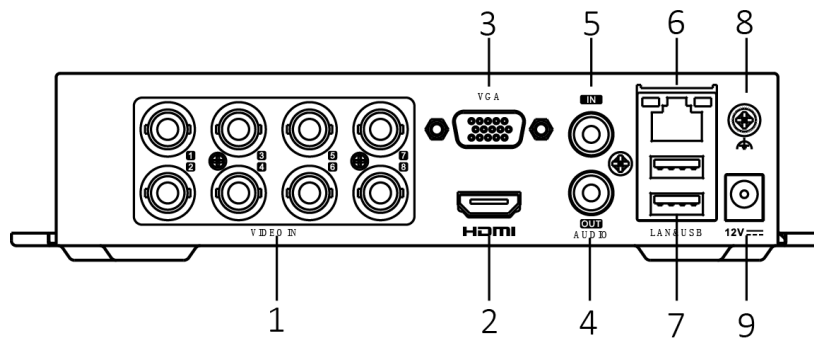


Specifications

Model	DS-7104HGHI-F1/N	DS-7108HGHI-F1/N	DS-7116HGHI-F1/N
Recording			
Video compression	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 enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
	Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Sub-stream: CIF/QVGA/QCIF@12fps	
Video bit rate	32 Kbps to 4 Mbps		
Dual stream	Support		
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)	2-ch (up to 18-ch)
	Up to 1080p resolution	Up to 5 MP resolution	
	Support H.264+/H.264 IP cameras		
Analog video input	4-ch	8-ch	16-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		
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Two-way audio	Reuse the first audio input		
Synchronous playback	4-ch	8-ch	16-ch
Network			
Remote connections	32	128	
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		
Auxiliary interface			
SATA	1 SATA interface		
Capacity	Up to 6 TB capacity for each disk		
Alarm in/out	N/A		
USB interface	Rear panel: 2 × USB 2.0		

General			
Power supply	12 VDC	12 VDC, 1.5 A	12 VDC, 2 A
Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 20 W
Working temperature	-10 °C to 55 °C (14 °F to +31 °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)

Physical Interfaces



NOTE

The rear panel of DS-7104/7116HGHI-F1/N provides 4/16 video input interfaces.

No.	Description	No.	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-F1/N, DS-7108HGHI-F1/N, DS-7116HGHI-F1/N

Distributed by



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