

## DS-7000HGHI-F2 SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Connectable to Turbo HD, AHD, HDCVI and analog cameras
- Long distance transmission over UTP and coaxial cable: max. 1200m for 720p Turbo HD signal

#### Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Supports 1080p lite of all channels and when enabled, the image effect is similar with 1080p

#### Video Output

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

#### Storage and Playback

- Two SATA interfaces (up to 6 TB capacity per HDD)
- 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* and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

#### Network & Ethernet Access

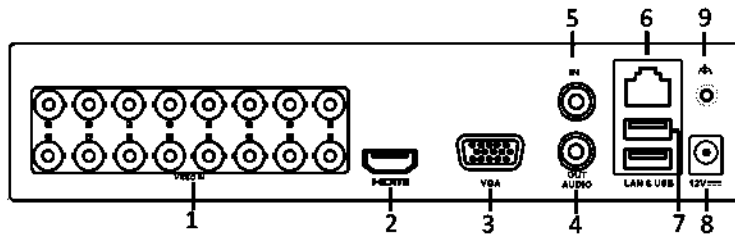
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable



## Specifications

Model	DS-7008HGHI-F2	DS-7016HGHI-F2	
Video/Audio input	Video compression	H.264+/H.264	
	Analog video input	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	
	IP video input	2-ch(up to 10-ch)	2-ch(up to 18-ch)
		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	When 1080p Lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF	
	Frame rate	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@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	8-ch	16-ch
		Remote connections	128
Network management	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	SATA	2 SATA interfaces	
	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)	≤ 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)	380 × 320 × 48 mm (14.9 × 12.6 × 1.9 inch)	
	Weight (without HDD)	≤ 2 kg (4.4 lb)	

## Physical Interfaces



**NOTE**

The rear panel of DS-7008HGHI-F2 provides 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-7008HGHI-F2, DS-7016HGHI-F2

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