

DS-7B00HGHI-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

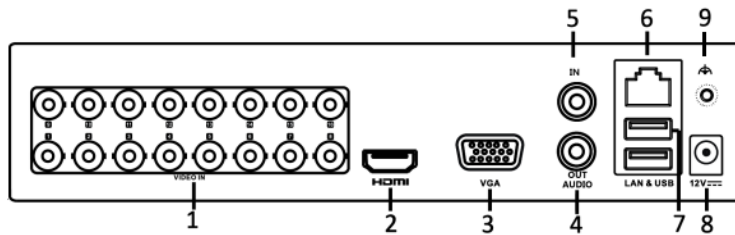
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable



Specifications

Model		DS-7B08HGHI-F2	DS-7B16HGHI-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) Up to 1080p resolution	2-ch(up to 18-ch)	
	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	
	Network management	Remote connections	128	
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-7B08HGHI-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-7B08HGHI-F2, DS-7B16HGHI-F2

Distributed by



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