HIKVISION

HIK-7100SH-F1 SERIES TURBO HD DVR

Features and Functions

Video Input and Transmission

Connectable to HDTVI, AHD, HDCVI and analog cameras

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

VQD (Video Quality Diagnostics)

Unlock pattern for device login for the *admin*

Clear-text password available

Network & Ethernet Access
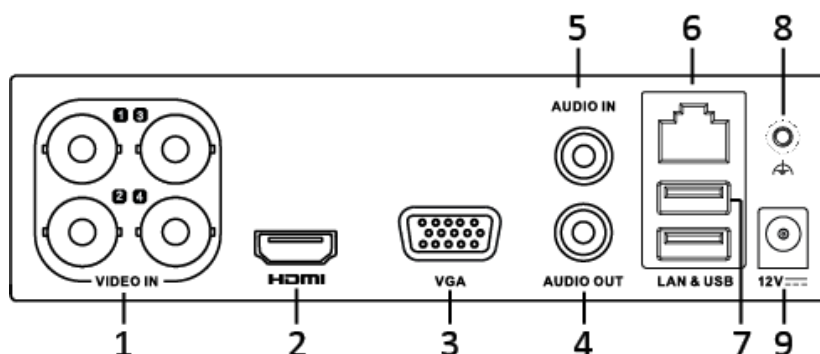
Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management

One self-adaptive 10/100Mbps network interface

Output bandwidth limit configurable

Specifications

Model		HIK-7104SH-F1	HIK-7108SH-F1	HIK-7116SH-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), supporting coaxitron connection		
	HDTVI input	720p/25Hz, 720p/30Hz		
	AHD input	720p/25Hz, 720p/30Hz		
	HDCVI input	720p/25Hz, 720p/30Hz		
	CVBS input	Support		
	Audio compression	G.711u		
	Audio input/Two-way audio input	1-ch ,RCA (2.0 Vp-p, 1 K)		
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 K)		
	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 ℃ to +55 ℃ (14 ℉ to 131 ℉)		
	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 **HIK**-7108/7116**SH**-F1 provides 8/16 video input interfaces.

Index	Description	Index	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

HIK-7104SH-F1, HIK-7108SH-F1 , HIK-7116SH-F1

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