

## DS-7100HQHI-K1 SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 6/12/24-ch 6 MP IP cameras input for DS-7104/7108/7116HQHI-K1
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal

#### Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution
- Supports real-time 1080p lite. When 1080p lite is on, the image effect is similar with 1080p

#### Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7116HQHI-K1

#### Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

- VQD (Video Quality Diagnostics)

#### Network & Ethernet Access

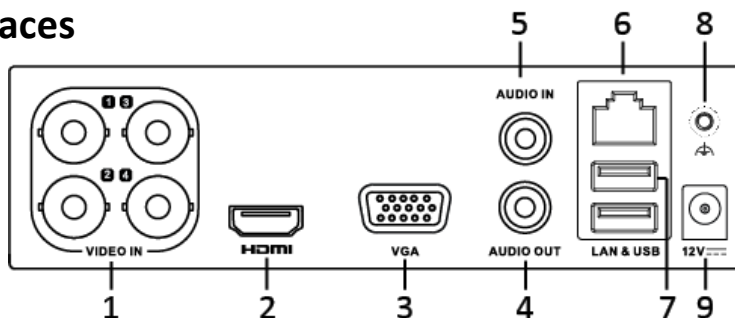
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for DS-7104/7108HQHI-K1, and one 10M/100M/1000M Ethernet network interface for DS-7116HQHI-K1
- Output bandwidth limit configurable



## Specifications

Model	DS-7104HQHI-K1	DS-7108HQHI-K1	DS-7116HQHI-K1	
Video/Audio input	<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
	<b>Analog video input</b>	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	<b>HDTV input</b>	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 <b>Note:</b> The 3 MP signal input is only available for channel 1 of DS-7104HQHI-K1, channel 1/2 of DS-7108HQHI-K1, and channel 1/2/3/4 of DS-7116HQHI-K1.		
	<b>AHD input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	<b>HDCVI input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	<b>CVBS input</b>	Support		
	<b>IP video input</b>	2-ch (up to 6-ch)	4-ch (up to 12-ch)	8-ch (up to 24-ch)
		Up to 6 MP resolution		
		Supports H.265+/H.265/H.264+/H.264 IP cameras		
<b>Audio compression</b>	G.711u			
<b>Audio input/Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	<b>HDMI/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		<b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
				<b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	<b>Encoding resolution</b>	When 1080p Lite mode not enabled: 4 MP lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF; When 1080p Lite mode enabled: 4 MP lite/3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF		
	<b>Frame rate</b>	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)		
		Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)		
	<b>Video bit rate</b>	32 Kbps to 6 Mbps		
	<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)		
	<b>Audio bit rate</b>	64 Kbps		
	<b>Dual stream</b>	Support		
<b>Stream type</b>	Video, Video & Audio			
<b>Synchronous playback</b>	4-ch	8-ch	16-ch	
Network management	<b>Incoming bandwidth</b>	24 Mbps	48 Mbps	96 Mbps
	<b>Remote connections</b>	32	64	128
	<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	<b>SATA</b>	1 SATA interface		
	<b>Capacity</b>	Up to 6 TB capacity for each disk		
External interface	<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	<b>USB interface</b>	Real panel: 2 × USB 2.0		
General	<b>Power supply</b>	12 VDC		
	<b>Consumption (without HDD)</b>	≤ 8 W	≤ 12 W	≤ 15 W
	<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)		
	<b>Working humidity</b>	10% to 90%		
	<b>Dimensions (W × D × H)</b>	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)		285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)
	<b>Weight (without HDD)</b>	≤ 1 kg (2.2 lb)		

## Physical Interfaces



### NOTE

The rear panel of DS-7108/7116HQHI-K1 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

DS-7104HQHI-K1, DS-7108HQHI-K1, DS-7116HQHI-K1

Distributed by



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