

## DS-8124/8132HQHI-K8 SERIES TURBO HD DVR

### Features and Functions



#### Appearance Design

- Typical chassis design to guarantee the low noise and environmental protection of the device
- Front slot for insertion of DVD-R/W with bracket to make it more convenient to install and maintain

#### Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 6 MP IP cameras input
- Long distance transmission over UTP and coaxial cable

#### Compression and Recording

- H.265+/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
- Supports 4 MP lite
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p
- Supports POS triggered recording and POS information overlay

#### Video Output

- Simultaneous HDMI1 and VGA output at up to 1920 × 1080 resolution, and independent HDMI 2 output at up to 4K (3840 × 2160) resolution
- Separate CVBS output

#### Storage and Playback

- Eight SATA interfaces (up to 8 TB capacity per HDD) and 1 eSATA interface
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

#### Network & Ethernet Access

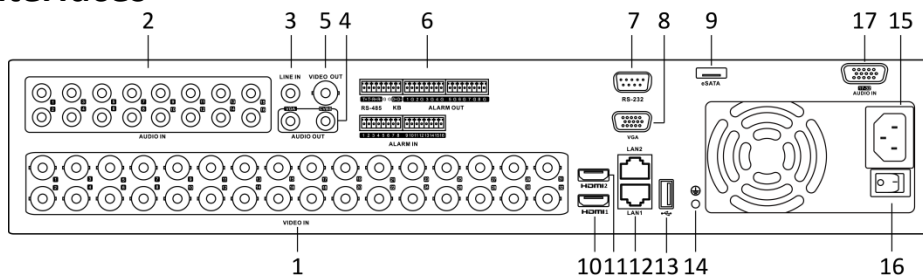
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Two RJ45 10M/100M/1000M Ethernet network interfaces
- Output bandwidth limit configurable



## Specifications

Model	DS-8124HQHI-K8	DS-8132HQHI-K8	
Video/Audio input	<b>Video compression</b>	H.265+/H.265/H.264+/H.264	
	<b>Analog video input</b>	24-ch	32-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
	<b>HDTVI 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 1/2/3/4.	
	<b>AHD input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30	
	<b>HDCVI input</b>	1080p25, 1080p30, 720p25, 720p30	
	<b>CVBS input</b>	PAL/NTSC	
	<b>IP video input</b>	16-ch (up to 40-ch)	16-ch (up to 48-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</b>	16-ch, RCA (2.0 Vp-p, 1 KΩ)		
<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
<b>HDMI1/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>HDMI2 output</b>	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
Video/Audio output	<b>Encoding resolution</b>	When 1080p Lite mode not enabled: 4 MP lite/3 MP/1080p/1080p lite/720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 4 MP lite/3 MP/1080p lite/720p/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/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
		Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	
		Video bit rate 32 Kbps to 6 Mbps	
	<b>Audio output</b>	2-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>	16-ch	
	Network management	<b>Remote connections</b>	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>	8 SATA interfaces	
	<b>eSATA</b>	Support	
	<b>Capacity</b>	Up to 8 TB capacity for each disk	
External interface	<b>Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)	
	<b>Network interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	<b>USB interface</b>	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	
	<b>Serial interface</b>	RS-232, RS-485 (full-duplex), Keyboard	
	<b>Alarm in/out</b>	16/8	
General	<b>Power supply</b>	100 to 240 VAC	
	<b>Consumption (without HDD)</b>	≤ 45 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>	440 × 470 × 90 mm (17.3 × 18.5 × 3.5 inch)	
	<b>Weight (without HDD)</b>	≤ 10 kg (22.0 lb)	

## Physical Interfaces



**NOTE**

The rear panel of DS-8124HQHI-K8 provides 24 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	10	HDMI1 Interface
2	AUDIO IN, RCA Connector	11	HDMI2 Interface
3	LINE IN	12	LAN Network Interface
4	CVBS AUDIO OUT and VGA AUDIO OUT	13	USB Interface
5	VIDEO OUT	14	GND
6	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT	15	100 to 240 VAC Power Input
7	RS-232 Serial Interface	16	Power Switch
8	VGA Interface	17	AUDIO IN
9	eSATA Interface		

## Available Models

DS-8124HQHI-K8, DS-8132HQHI-K8

Distributed by



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