

## DS-8100HQHI-K8 SERIES TURBO HD DVR

### Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTV/AHD/CVI/CVBS/IP video input.
- Max 12/24 IP cameras input (up to 6 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTV signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.



### Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 4 MP lite resolution.

### Storage and Playback

- 8 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- Support the 3rd party cloud storage.

### Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras.
- Support 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection.

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management.
- Output bandwidth limit configurable.

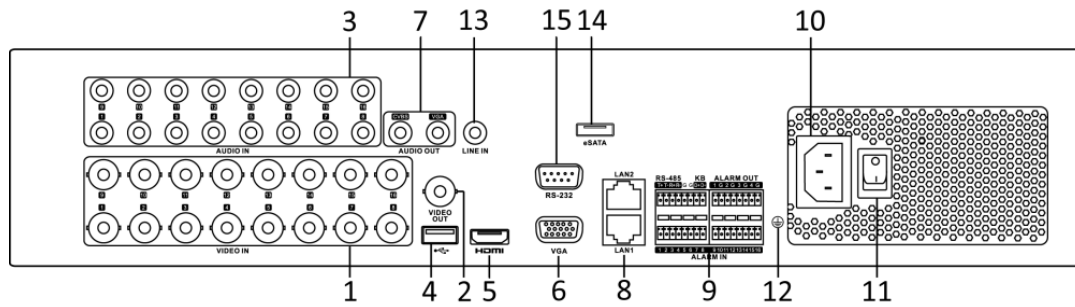


## Specifications

Model	DS-8108HQHI-K8	DS-8116HQHI-K8
<b>Recording</b>		
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
<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; 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)	
<b>Video bit rate</b>	32 Kbps to 6 Mbps	
<b>Dual stream</b>	Support	
<b>Stream type</b>	Video, Video & Audio	
<b>Audio compression</b>	G.711u	
<b>Audio bit rate</b>	64 Kbps	
<b>Video and Audio</b>		
<b>IP video input</b>	4-ch (up to 12-ch)	8-ch (up to 24-ch)
	Up to 6 MP resolution	
	Support H.265+/H.265/H.264+/H.264 IP cameras	
<b>Analog video input</b>	8-ch	16-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>The 3 MP signal input is only available for channel 1/2/3/4.</b>	
<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>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
<b>HDMI/VGA output</b>	<b>VGA:</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>Audio input</b>	8-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )	16-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )
<b>Audio output</b>	2-ch, RCA (Linear, 1 K $\Omega$ )	
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (independent)	
<b>Synchronous playback</b>	16-ch	
<b>Network</b>		
<b>Remote connections</b>	128	
<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
<b>Network interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
<b>Auxiliary interface</b>		
<b>SATA</b>	8 SATA interfaces	
<b>eSATA</b>	Support	
<b>Capacity</b>	Up to 10 TB capacity for each disk	
<b>Serial interface</b>	RS-232, RS-485 (full-duplex), Keyboard	
<b>Alarm in/out</b>	16/8	
<b>USB interface</b>	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	
<b>General</b>		
<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz, 1.3 A	
<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>Weights (without HDD)</b>	≤ 10 kg (22.0 lb)	

## Physical Interfaces



**NOTE** The rear panel of DS-8108HQHI-K8 provides 8 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
2	VIDEO OUT	10	100 to 240 VAC Power Input
3	AUDIO IN, RCA Connector	11	Power Switch
4	USB Interface	12	GND
5	HDMI Interface	13	LINE IN
6	VGA Interface	14	eSATA Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT	15	RS-232 Serial Interface
8	LAN1 LAN2 Network Interfaces		

Distributed by



## Available Models

DS-8108HQHI-K8, DS-8116HQHI-K8

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