

## DS-8108/8116HUHI-K8 SERIES TURBO HD DVR

### Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTV/AVHD/CVI/CVBS/IP video input.
- Max 16/32 IP cameras input (up to 8 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 8 MP resolution.

### Storage and Playback

- 8 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme.

### Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras.
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection.

### Network & Ethernet Access

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



## Specifications

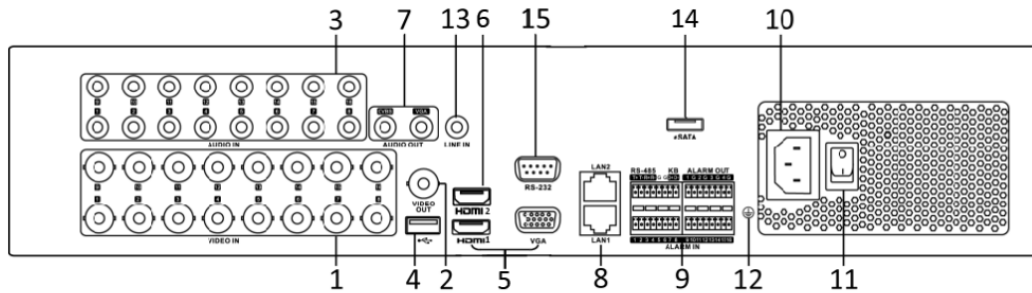
Model	DS-8108HUHI-K8	DS-8116HUHI-K8
<b>Perimeter Protection<sup>1</sup></b>		
<b>Line crossing detection/intrusion detection</b>	2-ch Enhanced VCA mode on: 8-ch	2-ch Enhanced VCA mode on: 16-ch
<b>Recording</b>		
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
<b>Encoding resolution</b>	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
<b>Frame rate</b>	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
	Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	
<b>Video bit rate</b>	32 Kbps to 10 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>	8-ch (up to 16-ch)	16-ch (up to 32-ch)
	Up to 8 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>	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	
<b>AHD input</b>	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30	
<b>HDCVI input</b>	4 MP, 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>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	
<b>Audio input</b>	8-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
<b>Audio output</b>	2-ch, RCA (Linear, 1 KΩ)	
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)	
<b>Synchronous playback</b>	8-ch	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, SNMP	
<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>	16/4	
<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	≤ 65 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>	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)	
<b>Weights (without HDD)</b>	≤ 8 kg (17.6 lb)	

**Note:**

1: Enabling enhanced VCA mode will maximize the connectable channel number for perimeter protection (line crossing detection and intrusion detection), but disable 2K/4K HDMI output resolution and the signal inputs which are not less than 4 MP.

## Physical Interfaces



**NOTE** The rear panel of DS-8108/8116HUHI-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	HDMI1/VGA Interface	13	LINE IN
6	HDMI2 Interface	14	eSATA Interface
7	CVBS AUDIO OUT and VGA AUDIO OUT	15	RS-232 Serial Interface
8	LAN1 and LAN2 Network Interfaces		

Distributed by

## Available Models

DS-8108HUHI-K8, DS-8116HUHI-K8



### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com