HIKVISION

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

Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTVI/AHD/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 HDTVI 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.
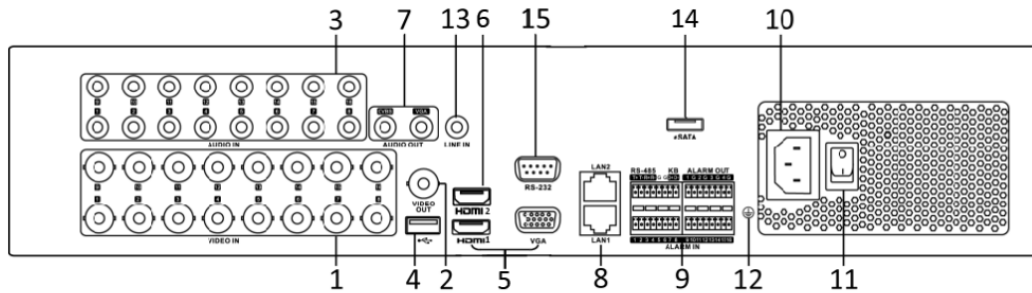- Output bandwidth limit configurable.

Specifications

Model	DS-8108HUHI-K8	DS-8116HUHI-K8
Perimeter Protection[1]		
Line crossing detection/intrusion detection	2-ch Enhanced VCA mode on: 8-ch	2-ch Enhanced VCA mode on: 16-ch
Recording		
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding resolution	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
Frame rate	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)	
Video bit rate	32 Kbps to 10 Mbps	
Dual stream	Support	
Stream type	Video, Video & Audio	
Audio compression	G.711u	
Audio bit rate	64 Kbps	
Video and Audio		
IP video input	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	
Analog video input	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	
AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30	
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30	
CVBS input	PAL/NTSC	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
HDMI1/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
HDMI2 output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Audio input	8-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
Audio output	2-ch, RCA (Linear, 1 KΩ)	
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)	
Synchronous playback	8-ch	16-ch
Network		
Remote connections	128	
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP	
Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Auxiliary interface		
SATA	8 SATA interfaces	

eSATA	Support
Capacity	Up to 10 TB capacity for each disk
Serial interface	RS-232, RS-485 (full-duplex), Keyboard
Alarm in/out	16/4
USB interface	Front panel: 2 × USB 2.0
	Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz, 1.3 A
Consumption (without HDD)	≤ 45 W	≤ 65 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)
Weights (without HDD)	≤ 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