

IDS-9016HUHI-K8/16S SERIES TURBO HD DVR

Key Features

- Support deep learning-based analysis.
- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTV/AVHD/CVI/CVBS/IP video input.
- Max 32 IP cameras input (up to 12 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTV signal.
- Up to 10 TB capacity per HDD.



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.
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive).
- Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme.

Smart Function

- Deep learning-based analysis: all channels support re-recognition of the human body or vehicle target in behavior detection to filter false alarm.
- 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.

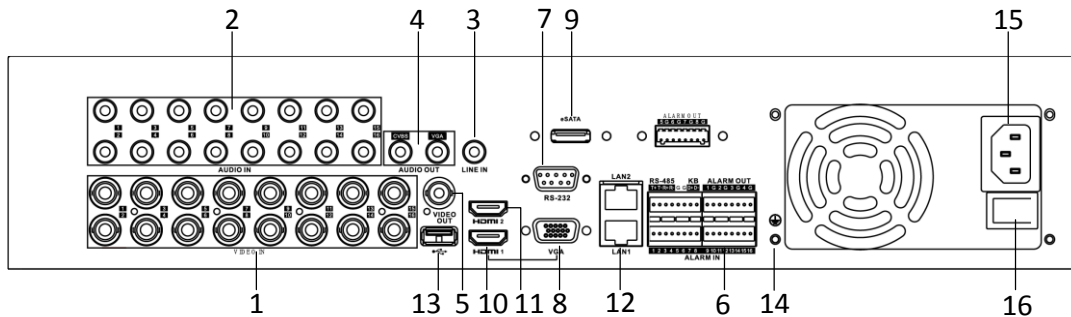


Specifications

Model	iDS-9016HUHI-K8/16S
Recording	
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding resolution	8 MP/5 MP/4 MP/3 M/1080p/720p/WD1/4CIF/VGA/CIF
Frame rate	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 M@18 fps/1080P/720P/WD1/4CIF/VGA/CIF
	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	18-ch (up to 32-ch)
	Up to 12 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
Analog video input	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTV I input	8 MP15, 8 MP12.5, 5 MP20, 5 MP12, 4 MP30, 4 MP25, 3 MP18, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
AHD input	5 MP20, 4 MP30, 4 MP25, 1080p30, 1080p25, 720p30, 720p25
HDCVI input	4 MP30, 4 MP25, 1080p30, 1080p25, 720p30, 720p25
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	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	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	16/8
USB interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
General	
Power supply	110 to 220 VAC
Consumption (without HDD)	≤ 150 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	442 × 470 × 92 mm (17.4 × 18.5 × 3.6 inch)
Weights (without HDD)	≤ 8 kg (17.6 lb)

Physical Interfaces



Index	Description	Index	Description
1	VIDEO IN	9	eSATA
2	AUDIO IN	10	HDMI1 Interface
3	LINE IN	11	HDMI2 Interface
4	AUDIO OUT	12	Network Interface
5	VIDEO OUT	13	USB Interface
6	RS-485 and Alarm Interface	14	GND
7	RS-232 Interface	15	Power Supply
8	VGA Interface	16	Power Switch

Distributed by

Available Models

iDS-9016HUHI-K8/16S



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