

iDS-9016HUHI-K8/16S 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 of DVD-R/W for more convenient installation and maintenance

Video Input and Transmission

- Self-adaptive HDTV, AHD, HDCVI, and analog cameras
- Up to 12 MP resolution of IP cameras input
- 8 MP/5 MP/4 MP/3 MP/1080p/720p HDTV video input and live view
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.265+/H.265/H.264+/H.264 encoding format
- 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 POS triggered recording and POS information overlay

Video Output

- Simultaneous HDMI 1 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)
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports the 3rd 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 line crossing detection and intrusion detection of all channels and sudden scene change detection of 2-ch analog cameras
- Supports people counting and heat map functions for 1-ch analog camera
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access

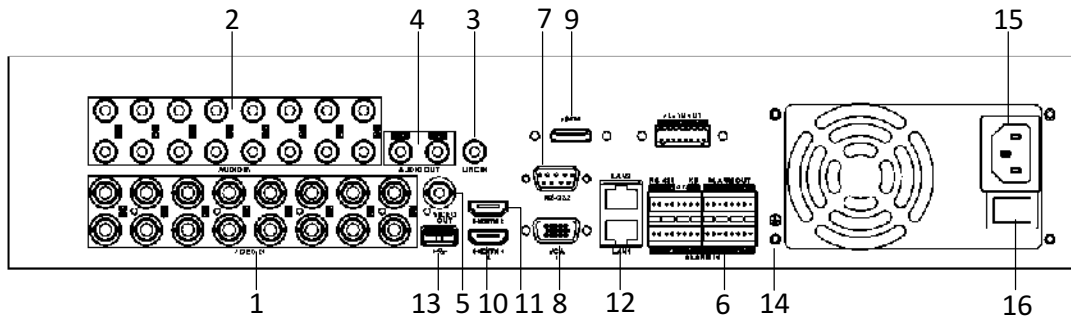
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Two gigabit Ethernet network interfaces
- Output bandwidth limit configurable



Specifications

Model	iDS-9016HUHI-K8/16S	
Human body detection and analysis	Behavior detection analysis	False alarm filtering and picture re-recognition for up to 16-ch behavior (line crossing and intrusion) detection
	Human body detection	False alarm filtering and picture re-recognition for human body detection
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264
	Analog video input	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI input	8 MP/15Hz, 8 MP/12.5Hz, 5 MP/20Hz, 5 MP/12Hz, 4 MP/30Hz, 4 MP/25Hz, 3 MP/18Hz, 1080p/30Hz, 1080p/25Hz, 720p/60Hz, 720p/50Hz, 720p/30Hz, 720p/25Hz
	AHD input	5 MP/20Hz, 4 MP/30Hz, 4 MP/25Hz, 1080p/30Hz, 1080p/25Hz, 720p/30Hz, 720p/25Hz
	HDCVI input	4 MP/30Hz, 4 M/25Hz, 1080p/30Hz, 1080p/25Hz, 720p/30Hz, 720p/25Hz
	CVBS input	Support
	IP video input	x + 18 (x: The amount of disabled analog camera), up to 32
		Up to 12 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras
	Audio compression	G.711u
Audio input	16-ch	
	RCA (2.0 Vp-p, 1 KΩ)	
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI1/VGA output	HDMI 1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
		VGA: 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
	Video loop	Support
	Encoding resolution	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
	Audio output	2-ch, RCA (Linear, 1 KΩ)
	Audio bit rate	64 Kbps
	Dual stream	Support
	Stream type	Video, Video & Audio
Synchronous playback	16-ch	
Hard disk	SATA	8 SATA interfaces
	eSATA	1 eSATA interface
	Capacity	Up to 8 TB capacity for each disk.
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
	Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	Front panel: 2 × USB 2.0
		Rear panel: 1 × USB 3.0
	Serial interface	RS-232, RS-485 (full-duplex), Keyboard
Alarm in/out	16/8	
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)
Weight (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

Available Models

iDS-9016HUHI-K8/16S

Distributed by



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