

IDS-7316HUHI-K4/16S SERIES TURBO HD DVR

Key Features

- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Up to 32-ch IP camera inputs (up to 8 MP)
- Max 800 m for 1080p and 1200 m for 720p HDTVI 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

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

Smart Function

- Deep learning-based analysis: all channels support re-recognition of the human body or vehicle target in Perimeter Protection to reduce 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.

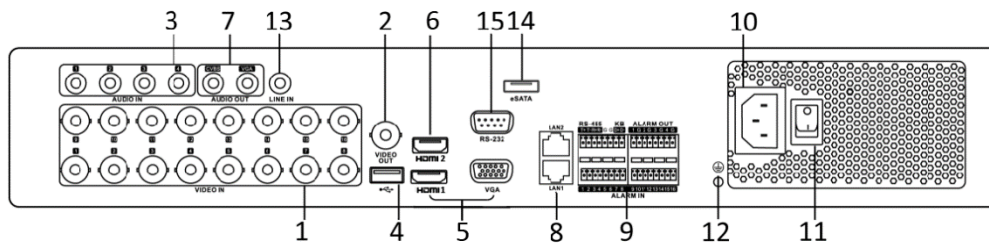


Specifications

Model	iDS-7316HUHI-K4/16S
Perimeter Protection	
Human/Vehicle Analysis	Up to 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/3M/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	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	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI 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
HDMI 1/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	4-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)
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	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Auxiliary interface	
SATA	4 SATA interfaces
eSATA	Support

Capacity	Up to 10 TB capacity for each disk
Serial interface	RS-232, RS-485 (full-duplex), Keyboard
USB interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
General	
Power supply	100 to 220 VAC, 50 to 60Hz, 1.1 A
Consumption (without HDD)	≤ 110 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	440 × 407 × 75 mm (17.3 × 16.0 × 3.0 inch)
Weights (without HDD)	≤ 5 kg (11.0 lb)

Physical 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 of RCA Connector	11	Power Switch
4	USB Interface	12	GND
5	HDMI 1/VGA Interface	13	LINE IN
6	HDMI 2 Interface	14	eSATA Interface
7	CVBS AUDIO OUT	15	RS-232 Serial Interface
8	LAN Network Interfaces		

Distributed by

Available Model

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