

iDS-7316HUHI-K4/16S 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/HD/SD/AV/TV/NTSC/SECAM signal input
- Up to 18-ch 8 MP IP cameras input
- Long distance transmission over UTP and coaxial cable: max. 800 m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- 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

- HDMI 1, HDMI 2, VGA, and CVBS outputs provided
- HDMI 2 output at up to 4K (3840 × 2160) resolution

Storage and Playback

- 4 SATA interfaces (up to 10 TB capacity per HDD) and 1 eSATA interface
- USB 3.0 provides high-speed file transfer and backup
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports third 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 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- Deep learning-based analysis: re-recognition of the human body target in behavior detection to filter false alarm

Network & Ethernet Access

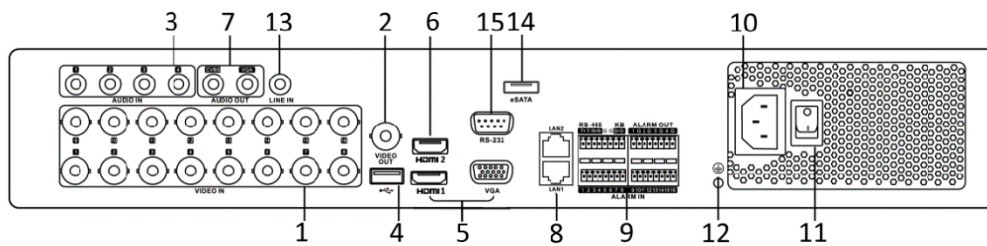
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M/1000M Ethernet network interface
- Output bandwidth limit configurable



Specifications

Model	iDS-7316HUHI-K4/16S		
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 Pro+/H.265 Pro/H.265/H.264+/H.264	
	Analog video input	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
	HDTV I 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	PAL/NTSC	
	IP video input	2-ch (up to 18-ch) Up to 8 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras	
	Audio compression	G.711u	
	Audio input	4-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
HDMI 1/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	
HDMI 2 output		1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Encoding resolution		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	
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	4 SATA interfaces
		eSATA	1 eSATA interface
	Capacity	Up to 10 TB capacity for each disk	
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	
	Network interface	1, 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	16/4	
General	Power supply	110 to 220 VAC	
	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)	
	Weight (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		

Available Model

iDS-7316HUHI-K4/16S

Distributed by



HIKVISION

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