

## iDS-9016HUHI-M8/S 16-ch 5MP 2U H.265 AcuSense DVR

### Key Feature

- Deep learning-based perimeter protection
- Deep learning-based motion detection 2.0 for all analog channels
- Up to 16-ch analog camera inputs and 8 SATA interfaces
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- Up to 8 MP@8 fps/5 MP@12 fps encoding capability
- Up to 34-ch network camera inputs
- HDTVI/AHD/CVI/CVBS/IP video inputs
- POS triggered recording and POS information overlay



### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 8 MP Lite resolution

### Storage and Playback

- 8 SATA interfaces and 1 eSATA interface
- HDD installation supports hot swapping
- 16-ch 1080p@30 fps decoding capability
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme

### Network & Ethernet Access

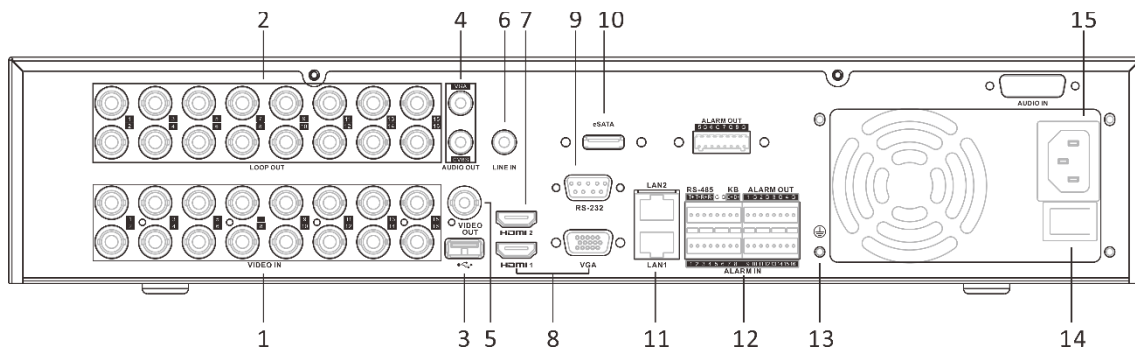
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

## ▪ Specification

Motion Detection 2.0	
Human/Vehicle Analysis	<p>Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights;</p> <p>Quick search by object or event type is supported;</p>
Perimeter Protection	
Human/Vehicle Analysis	Up to 8-ch, for channel 1/2/3/4/9/10/11/12 only
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	8 MP/3K/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
Frame Rate	<p>Main stream:</p> <p>8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps</p> <p>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream:</p> <p>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p>
Video Bitrate	32 Kbps to 10 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Video and Audio	
IP Video Input	<p>18-ch (up to 34-ch)</p> <p>Up to 12 MP resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p>
Analog Video Input	<p>16-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>
Video Output Mode	HDMI1/VGA simultaneous output, HDMI2/VGA independent output
HDTVI Input	8 MP, 3K, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
AHD Input	5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30
HDCVI Input	4 MP, 720p25, 720p30, 1080p25, 1080p30
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video Loop	Support
HDMI 1 Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz

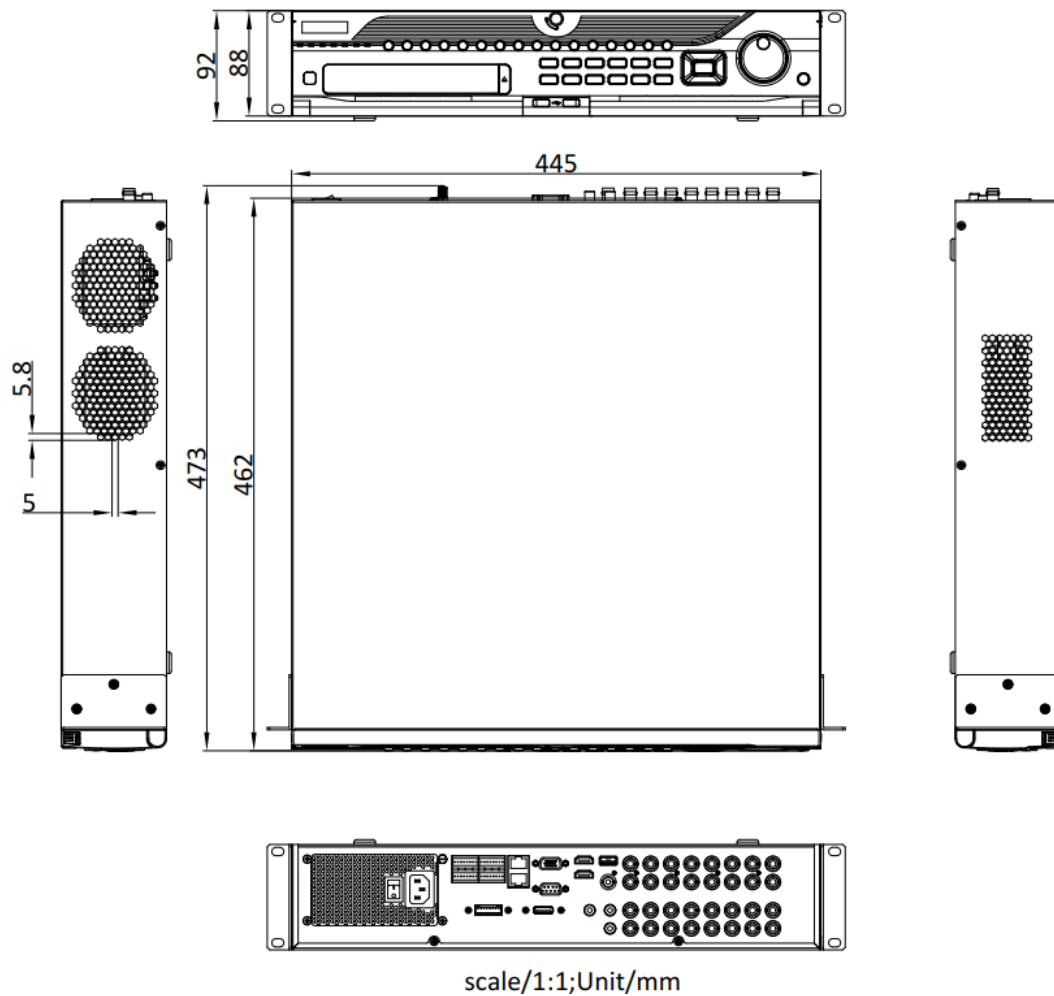
HDMI 2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Input	16-ch, RCA (2.0 Vp-p, 1 KΩ)
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
Synchronous Playback	16-ch
<b>Network</b>	
Total Bandwidth	320 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
Remote Connection	128
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Auxiliary Interface</b>	
SATA	8 SATA interfaces
eSATA	Support
Capacity	Up to 12 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
<b>General</b>	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 35 W (without HDD)
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	445 × 465 × 88 mm (17.5 × 18.3 × 3.5 inch)
Weight	≤ 9 kg (without HDD, 19.8 lb.)

## Physical Interface



No.	Description	No.	Description
1	Video in	9	RS-232 interface
2	Loop out	10	eSATA interface
3	USB interface	11	LAN1 and LAN2 interfaces
4	Audio out	12	Alarm out, alarm in, RS-485, and keyboard
5	Video out	13	GND
6	Line in	14	Power switch
7	HDMI2 interface	15	Power supply
8	HDMI1 and VGA interfaces		

## Dimension



## Available Model

iDS-9016HUHI-M8/S

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
www.hikvision.com



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