

## iDS-7204HUHI-M1/E



- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTV/AVHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 6-ch IP camera input (up to 8 MP)
- Encoding ability up to 8 MP @ 8 fps



## ▪ Function

### Targets classification

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning based perimeter protection

### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 8 MP @ 8 fps encoding

### Storage and Playback

- 1 SATA interface (up to 10TB capacity per HDD)
- Smart search for efficient playback

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

## ▪ Specification

Motion Detection 2.0	
Human/Vehicle Analysis	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; Quick search by object or event type is supported;
Perimeter Protection	
Human/Vehicle Analysis	Up to 4-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
Frame Rate	Main stream: 8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 10 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps

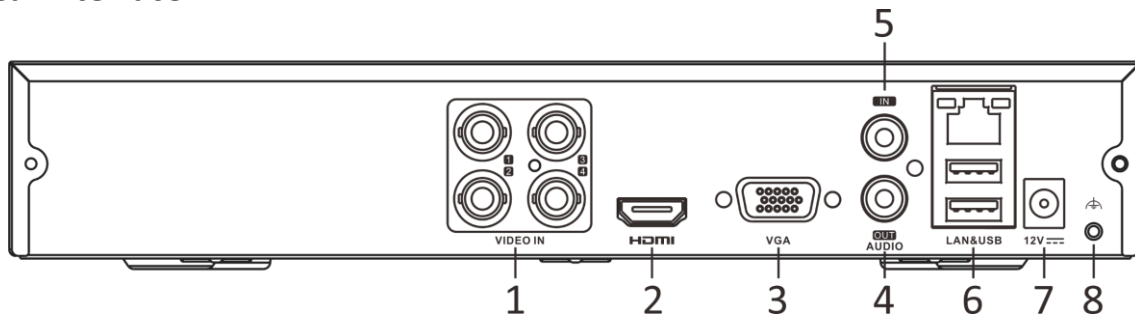
<b>Video and Audio</b>	
IP Video Input	2-ch (up to 6-ch)  Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVl Input	8 MP@15 fps, 8 MP@12.5 fps, 3K@20 fps, 5 MP@20 fps, 5 MP@12 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
AHD Input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
HDCVI Input	4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
CVBS Input	PAL/NTSC
HDMI Output	1-ch, 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
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Synchronous Playback	4-ch
<b>Network</b>	
Remote Connection	32
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Total Bandwidth	96 Mbps
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interfac
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
<b>Auxiliary Interface</b>	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each disk
Alarm In/Out	N/A
USB Interface	2 × USB 2.0
<b>General</b>	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 15 W
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	10% to 90%

Dimension (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)
Weight	≤ 1.16 kg (2.6 lb)

## ▪ Available Model

iDS-7204HUHI-M1/E(标配)(C)(样机), iDS-7204HUHI-M1/E(中性)(C)(样机),

## ▪ Physical Interface



No.	Description	No.	Description
1	Video and coaxial audio in	5	AUDIO IN, RCA connector
2	HDMI interface	6	LAN network interface and USB interface
3	VGA interface	7	12 VDC power input
4	AUDIO OUT, RCA connector	8	GND

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