

## IDS-7200HUHI-K1/4S(B) SERIES TURBO ACUSENSE DVR

### Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTV/VI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 MP)
- Up to 10 TB capacity per HDD



### Compression and Recording

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

### Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage

### Smart Function

- Deep learning-based motion detection, perimeter protection (line crossing and intrusion detection), or facial detection
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

### Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable



## Specification

Model	iDS-7204HUHI-K1/4S(B)	iDS-7208HUHI-K1/4S(B)
<b>Motion Detection 2.0<sup>1</sup></b>		
<b>Human/Vehicle Analysis</b>	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;	
<b>Perimeter Protection<sup>1</sup></b>		
<b>Human/Vehicle Analysis</b>	Up to 4-ch	
<b>Facial Detection<sup>1</sup></b>		
<b>Facial detection and capture</b>	1-ch human face capture (HD analog camera)	
<b>Recording</b>		
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
<b>Encoding resolution</b>	Main stream: 8 MP@8 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) <b>*: 8 MP@8 fps is only available for channel 1.</b>	Main stream: 8 MP@8 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)
	Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	
<b>Video bitrate</b>	32 Kbps to 10 Mbps	
<b>Dual stream</b>	Support	
<b>Stream type</b>	Video, Video & Audio	
<b>Audio compression</b>	G.711u	
<b>Audio bitrate</b>	64 Kbps	
<b>Video and Audio</b>		
<b>IP video input</b>	2-ch (up to 6-ch)	4-ch (up to 12-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	Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps
<b>Analog video input</b>	4-ch	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
<b>HDTV input</b>	8 MP, 5 MP, 4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps <b>*: The 8 MP signal input is only available for channel 1.</b>	8 MP, 5 MP, 4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
<b>AHD input</b>	5 MP, 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps	
<b>HDCVI input</b>	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps	
<b>CVBS input</b>	PAL/NTSC	

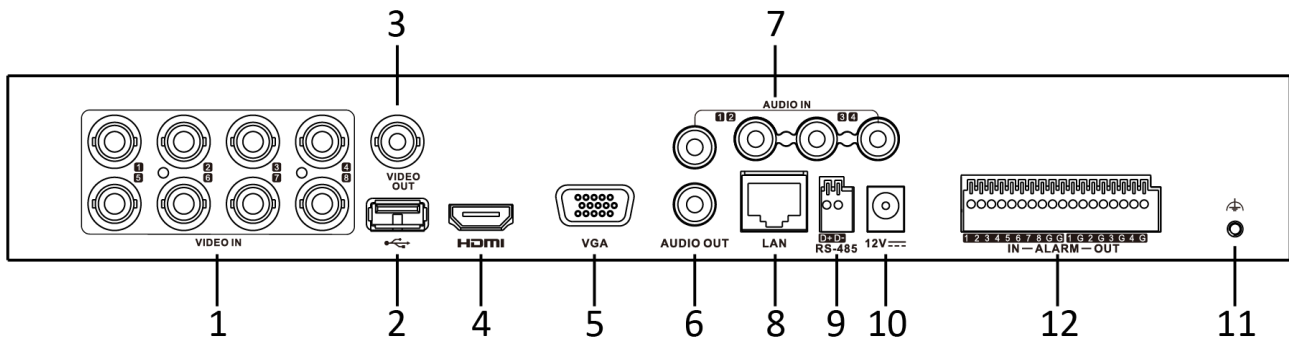
<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
<b>VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
<b>HDMI output</b>	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
<b>Audio input</b>	4-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	
		8-ch via coaxial cable
<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)	
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)	
<b>Synchronous playback</b>	4-ch	8-ch
<b>Network</b>		
<b>Remote connection</b>	32	64
<b>Network protocol</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Wi-Fi</b>	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface	
<b>Auxiliary interface</b>		
<b>SATA</b>	1 SATA interface, up to 10 TB capacity for each disk	
<b>Serial interface</b>	RS-485 (half-duplex)	
<b>USB interface</b>	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
<b>Alarm in/out</b>	4/1	8/4
<b>General</b>		
<b>Power supply</b>	12 VDC, 1.5 A	12 VDC, 2 A
<b>Consumption (without HDD)</b>	≤ 10 W	≤ 15 W
<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)	
<b>Working humidity</b>	10% to 90%	
<b>Dimension (W × D × H)</b>	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	
<b>Weight (without HDD)</b>	≤ 1.16 kg (2.6 lb)	≤ 2 kg (4.4 lb)

**Note:**

1: Motion detection 2.0, perimeter protection and facial detection cannot be enabled at the same time. Enable one function will make the other two unavailable.

2: Enhanced IP mode might be conflicted with smart events (face picture comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.

## Physical Interface



\*: The rear panel of iDS-7204HUHI-K1/4S(B) provides 4 video input interfaces.

No.	Description	No.	Description
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB interface	8	LAN network interface
3	VIDEO OUT	9	RS-485 serial interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	AUDIO OUT, RCA connector	12	ALARM IN/OUT

## Available Model

iDS-7204HUHI-K1/4S(B), iDS-7208HUHI-K1/4S(B)

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