

## iDS-720xHUHI-K2/4S Series AcuSense TurboHD DVR

**TurboHD**<sup>™</sup>

- H.265+ Pro/H.265 Pro/H.265/H.264+/H.264 Main-Stream Video Compression
- H.265/H.264 Sub-Stream Video Compression
- Autodetecting HD-TVI/CVBS Signal Input
- Full Channel Recording at up to 8 MP
- Full Channel 1080p Real-Time Recording
- HDMI and VGA Output up to 3840 x 2160
- Long Over-the-Coax Transmission Distance
- Up to 8-ch Synchronous Playback Support

TurboHD AcuSense iDS-720xHUHI-K2/4S Series DVRs are equipped with a range of self-adaptive signal inputs and offer camera support on up to 16 channels. They offer transmission distances of up to 2,630 ft (800m) on 1080p, and 3,940 ft (1,200 m) on 720p HD-TVI.

Hikvision's TurboHD DVRs also feature the latest H.265+ Pro encoding technology, which improves recording efficiency and reduces data storage costs.

The hallmark of AcuSense DVRs is a deep learning-based algorithm that recognizes human body and vehicle targets and filters false alarms.

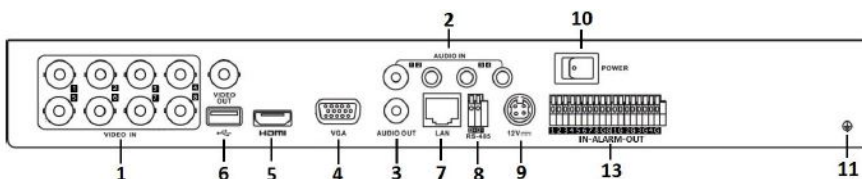
**Available models:**  
iDS-7204HUHI-K2/4S  
iDS-7208HUHI-K2/4S

# Specifications

iDS-7204HUHI-K2/4S		iDS-7208HUHI-K2/4S
<b>Video/Audio Input</b>		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Analog Video Input	4-ch	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supports coaxitron connection	
HD-TVI Input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
CVBS Input	NTSC	
IP Video Input	Up to 8-ch	Up to 16-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)	
<b>Video/Audio Output</b>		
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: 704 × 480	
HDMI/VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	<b>VGA:</b> 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz; <b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Encoding Resolution Depending on Frame Rate	Main stream: 5 MP @ 12 fps/4 MP @ 15 fps/3 MP @ 18 fps, 1080p/720p/WD1/4CIF/VGA/CIF @ 30 fps Sub-stream: WD1/4CIF/CIF @ 30 fps	Main stream: 8 MP @ 8 fps/5 MP @ 12 fps/4 MP @ 15 fps/3 MP @ 18 fps 1080p/720p/WD1/4CIF/VGA/CIF @ 30 fps
Video Bit Rate	32 Kbps to 10 Mbps	
Audio Output	1-ch, RCA (linear, 1 kΩ)	
Audio Bit Rate	64 Kbps	
Dual-Stream	Supported	
Stream Type	Video, video and audio	
Synchronous Playback	4-ch	8-ch
<b>Network Management</b>		
Remote Connections	32	64
Network Protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
<b>Hard Disk</b>		
SATA	2 SATA interfaces	
Capacity	Up to 10 TB capacity for each disk	
<b>External Interface</b>		
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1K Ω) (using the first audio input)	
Network Interface	1, RJ-45 10M/100M self-adaptive Ethernet interface	1, RJ-45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	
USB Interface	2 × USB 2.0	
Alarm In / Out	4/1	8/4
<b>General</b>		
Power Supply	12 VDC	
Consumption (without HDD)	≤10 W	≤20 W
Working Temperature	14° to 131° F (-10° to 55° C)	
Working Humidity	10 to 90%	
Dimensions (W x D x H)	15" × 12.6" × 1.9" (380 mm x 320 mm x 48 mm)	
Weight (without HDD)	≤2.6 lbs (1.16 kg)	≤3.9 lbs (1.78 kg)

## Physical Interfaces

iDS-7208HUHI-K2/4S



1. VIDEO IN	8. RS-485 Serial Interface
2. AUDIO IN, RCA Connector	9. 12 VDC Power Input
3. AUDIO OUT, RCA Connector	10. Power Switch
4. VGA Interface	11. GND
5. HDMI Interface	12. VIDEO OUT
6. USB Port	13. Alarm In/Out
7. LAN Network Interface	

**Note:** The iDS-7204HUHI-K2/4S rear panel provides 4 video input interfaces.