

## iDS-7200HQHI-K1/S SERIES TURBO ACUSENSE DVR



### Features and Functions

#### VCA Detection

- Deep learning-based analysis: re-recognition of the human body or vehicle target in behavior detection to filter false alarm, supports 2-ch detection for iDS-7204HQHI-K1/2S and 4-ch for iDS-7208HQHI-K1/4S

#### Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- When enhanced IP mode enabled, up to 6-ch 6 MP IP cameras input for iDS-7204HQHI-K1/2S; 12-ch 6 MP IP cameras input for iDS-7208HQHI-K1/4S and 24-ch 6 MP IP cameras input for iDS-7216HQHI-K1/4S
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI 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 Pro+/H.265 Pro can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

#### Video Output

- Simultaneous HDMI/VGA output
- Separate CVBS output

#### Storage and Playback

- 1 SATA interface (up to 10 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports the 3<sup>rd</sup> party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- iDS-7216HQHI-K1/4S supports 1-ch sudden scene change detection

#### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M Ethernet network interface for iDS-7204HQHI-K1/2S and iDS-7208HQHI-K1/4S, and 1 RJ45 10M/100M/1000M Ethernet network interface for iDS-7216HQHI-K1/4S
- Output bandwidth limit configurable, up to 72M for iDS-7204HQHI-K1/2S; 96M for iDS-7208HQHI-K1/4S and 128M for iDS-7216HQHI-K1/4S

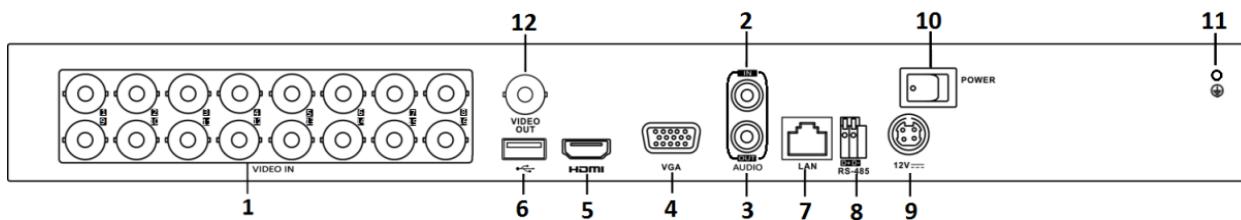


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## Specifications

Model		iDS-7204HQHI-K1/2S	iDS-7208HQHI-K1/4S	iDS-7216HQHI-K1/4S
Video/Audio input	<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
	<b>Analog video input</b>	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxial connection	8-ch	16-ch
	<b>HDTVI input</b>	4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 <b>Note:</b> The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-K1/2S, for channel 1/2 of iDS-7208HQHI-K1/4S, and for channel 1/2/3/4 of iDS-7216HQHI-K1/4S.		
	<b>AHD input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	<b>HDCVI input</b>	1080p25, 1080p30, 720p25, 720p30		
	<b>CVBS input</b>	PAL/NTSC		
	<b>IP video input</b>	Up to 6-ch Up to 6 MP resolution	Up to 12-ch	Up to 24-ch
		Supports H.265+/H.265/H.264+/H.264 IP cameras		
	<b>Audio compression</b>	G.711u		
Video/Audio output	<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	<b>HDMI/VGA output</b>	1-ch, HDMI, 1-ch, VGA, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA Simultaneous Output		
	<b>Encoding resolution@ Frame rate</b>	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)		
		32 Kbps to 6 Mbps		
		1-ch, RCA (Linear, 1 KΩ)		
		64 Kbps		
		Support		
	<b>Stream type</b>	Video, Video & Audio		
	<b>Synchronous playback</b>	4-ch	8-ch	16-ch
Network management	<b>Remote connections</b>	32	64	128
	<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	<b>SATA</b>	1 SATA interface		
	<b>Capacity</b>	Up to 10 TB capacity for each disk		
External interface	<b>Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 <sup>st</sup> audio input)		
	<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	<b>USB interface</b>	2 × USB 2.0		
	<b>Serial interface</b>	RS-485 (half-duplex)		
General	<b>Power supply</b>	12 VDC		
	<b>Consumption (without HDD)</b>	≤ 10 W	≤ 18 W	≤ 25 W
	<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)		
	<b>Working humidity</b>	10% to 90%		
	<b>Dimensions (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)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)

## Physical Interfaces



**NOTE** The rear panel of iDS-7204HQHI-K1/2S provides 4 video input interfaces. The rear panel of iDS-7208HQHI-K1/4S provides 8 video input interfaces.

Index	Description	Index	Description
<b>1</b>	VIDEO IN	<b>7</b>	LAN Network Interface
<b>2</b>	AUDIO IN, RCA Connector	<b>8</b>	RS-485 Serial Interface
<b>3</b>	AUDIO OUT, RCA Connector	<b>9</b>	12 VDC Power Input
<b>4</b>	VGA Interface	<b>10</b>	Power Switch
<b>5</b>	HDMI Interface	<b>11</b>	GND
<b>6</b>	USB Interface	<b>12</b>	VIDEO OUT

## Available Models

iDS-7204HQHI-K1/2S, iDS-7208HQHI-K1/4S, iDS-7216HQHI-K1/4S

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