

## DS-7200HUHI-K/P SERIES TURBO HD DVR

### Features and Functions

#### Video Input and Transmission

- Self-adaptive normal camera and Hikvision PoC camera connection
- Up to 2-ch 6 MP IP cameras input
- 5 MP/4 MP HDTV video input and live view
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal, and 200m for PoC camera
- Automatic power supply management for PoC camera to guarantee safety

#### Compression and Recording

- H.265+/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+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 5 MP resolution

#### Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7208HUHI-K2/P
- Separate CVBS output

#### Storage and Playback

- One SATA interface for DS-7204HUHI-K1/P, and two SATA interfaces for DS-7208HUHI-K2/P (up to 8 TB capacity per HDD)
- 4/8-ch synchronous playback
- Smart search for efficient playback
- Supports third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

#### Network & Ethernet Access

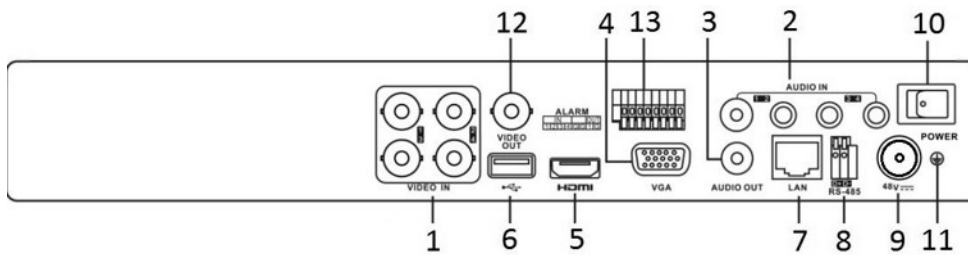
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for DS-7204HUHI-K1/P, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for DS-7208HUHI-K2/P
- Output bandwidth limit configurable



## Specifications

Model	DS-7204HUHI-K1/P		DS-7208HUHI-K2/P		
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264			
	Analog video input	4-ch	8-ch		
	HDTVI input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25			
	AHD input	1080p25, 1080p30, 720p25, 720p30			
	HDCVI input	1080p25, 1080p30, 720p25, 720p30			
	CVBS input	PAL/NTSC			
	PoC camera input	Supports Hikvision PoC camera <b>Note:</b> Do not unplug or plug the PoC camera if it is powered by the external power supply.			
	IP video input	2-ch		Up to 6 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 K $\Omega$ )				
CVBS output	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ), resolution: PAL: 704 $\times$ 576, NTSC: 704 $\times$ 480				
Video/Audio output	HDMI/VGA output	1-ch, 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz		VGA: 1-ch, 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz HDMI: 1-ch, 4K (3840 $\times$ 2160)/30Hz, 2K (2560 $\times$ 1440)/60Hz, 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz	
		Encoding resolution			5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
	Frame rate	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)			
		Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)			
	Video bit rate	32 Kbps to 10 Mbps			
	Audio output	1-ch, RCA (Linear, 1 K $\Omega$ )			
	Audio bit rate	64 Kbps			
	Dual stream	Support			
	Stream type	Video, Video & Audio			
	Synchronous playback	4-ch	8-ch		
Network management	Remote connections	128			
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
Hard disk	SATA	1 SATA interface	2 SATA interfaces		
	Capacity	Up to 8 TB capacity for each disk			
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (using the first audio input)			
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
	USB interface	2 $\times$ USB 2.0	Front panel: 1 $\times$ USB 2.0 Rear panel: 1 $\times$ USB 3.0		
	Serial interface	RS-485 (half-duplex)			
	Alarm in/out	4/1	8/4		
General	Power supply	48 VDC			
	Consumption (without HDD)	$\leq$ 40 W	$\leq$ 60 W		
	Working temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C (+14 $^{\circ}$ F to +131 $^{\circ}$ F)			
	Working humidity	10% to 90%			
	Dimensions (W $\times$ D $\times$ H)	315 $\times$ 242 $\times$ 45 mm (12.4 $\times$ 9.5 $\times$ 1.8 inch)	380 $\times$ 320 $\times$ 48 mm (15.0 $\times$ 12.6 $\times$ 1.9 inch)		
	Weight (without HDD)	$\leq$ 1.5 kg (3.3 lb)	$\leq$ 2 kg (4.4 lb)		

## Physical Interfaces



**NOTE**

The rear panel of DS-7208HUHI-K2/P provides 8 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	48 VDC Power Input
3	AUDIO OUT, RCA Connector	10	Power Switch
4	VGA Interface	11	GND
5	HDMI Interface	12	VIDEO OUT
6	USB Interface	13	Alarm In/Out
7	LAN Network Interface		

## Available Models

DS-7204HUHI-K1/P, DS-7208HUHI-K2/P

Distributed by



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