

## DS-7200HUHI-F1/N SERIES TURBO HD DVR

### Features and Functions

#### Video Input and Transmission

- Connectable to HDTV, AHD and analog cameras
- Up to 2-ch 4 MP IP cameras input
- Long distance transmission over UTP and coaxial cable with max. 1200m for the 720p and max. 800m for the 1080p HDTV signal

#### Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Full channel recording at up to 3 MP resolution

#### Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution for DS-7204HUHI-F1/N and 4K (3840 × 2160) resolution for HDMI output of DS-7208HUHI-F1/N
- Independent CVBS output improves compatibility at the most possibility and serves as the aux output or live view output only

#### Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8-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
- Supports line crossing detection and intrusion detection of all channels
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin* and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

#### Network & Ethernet Access

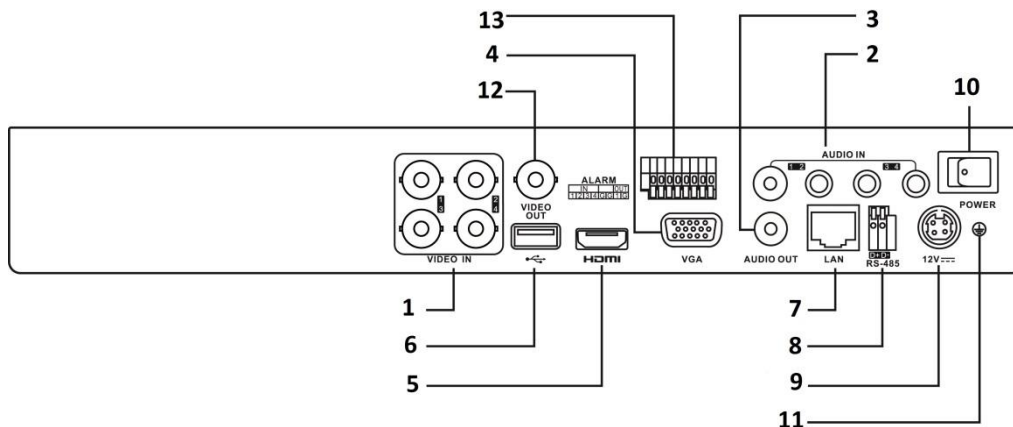
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One gigabit Ethernet network interface (for DS-7208HUHI-F1/N)
- Output bandwidth limit configurable



## Specifications

Model	DS-7204HUHI-F1/N		DS-7208HUHI-F1/N		
<b>Video/Audio input</b>	<b>Video compression</b>	H.264+/H.264			
	<b>Analog video input</b>	4-ch	8-ch		
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
	<b>HDTVI input</b>	1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60, 3 MP			
	<b>AHD input</b>	1080p25, 1080p30, 720p25, 720p30			
	<b>CVBS input</b>	Support			
	<b>IP video input</b>	2-ch Up to 4 MP resolution			
	<b>Audio compression</b>	G.711u			
<b>Video/Audio output</b>	<b>Audio input</b>	4-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, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	<b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz <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		
	<b>Encoding resolution</b>	3 MP/1080p/720p/WD1/4CIF/VGA/CIF			
	<b>Frame rate</b>	Main stream: 3 MP@15fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)			
	<b>Video bit rate</b>	32 Kbps to 10 Mbps			
	<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)			
	<b>Audio bit rate</b>	64 Kbps			
	<b>Dual stream</b>	Support			
	<b>Stream type</b>	Video, Video & Audio			
	<b>Synchronous playback</b>	4-ch	8-ch		
	<b>Network management</b>	<b>Remote connections</b>	128		
		<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
	<b>Hard disk</b>	<b>SATA</b>	1 SATA interface		
		<b>Capacity</b>	Up to 6 TB capacity for each disk		
<b>External interface</b>	<b>Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 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		Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	
	<b>Serial interface</b>	RS-485 (half-duplex)			
	<b>Alarm in/out</b>	4/1	8/4		
<b>General</b>	<b>Power supply</b>	12 VDC			
	<b>Consumption (without HDD)</b>	≤ 15 W	≤ 20 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>	≤ 1.5 kg (3.3 lb)	≤ 2 kg (4.4 lb)		

## Physical Interfaces



### NOTE

The rear panel of DS-7208HUHI-F1/N provides 8 video input interfaces.

Index	Description	Index	Description
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 Interface	13	Alarm In/Out
7	LAN Network Interface		

Distributed by

## Available Models

DS-7204HUHI-F1/N, DS-7208HUHI-F1/N

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