

## DS-7200HUHI-F2/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-F2/N and 4K (3840 × 2160) resolution for HDMI output of DS-7208/7216HUHI-F2/N
- Independent CVBS output improves compatibility at the most possibility and serves as the aux output or live view output only

#### Storage and Playback

- Two SATA interfaces (up to 6 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
- 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

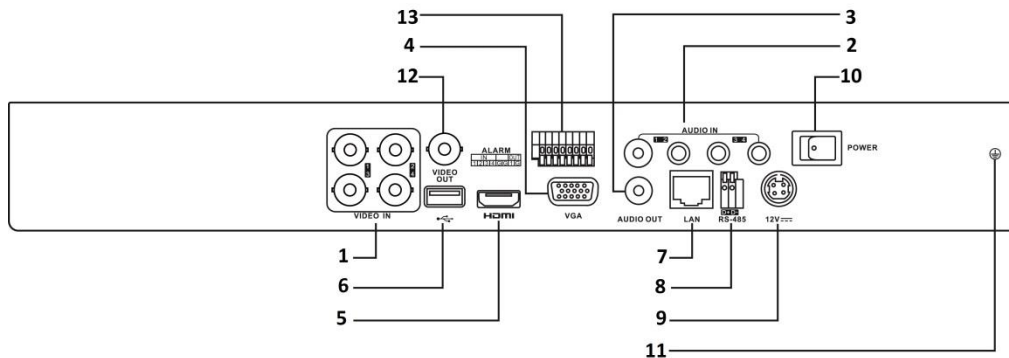
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One gigabit Ethernet network interface ( for DS-7208/7216HUHI-F2/N)
- Output bandwidth limit configurable



## Specifications

Model	DS-7204HUHI-F2/N		DS-7208HUHI-F2/N		DS-7216HUHI-F2/N		
<b>Video/Audio input</b>	<b>Video compression</b>	H.264+/H.264					
	<b>Analog video input</b>	4-ch	8-ch		16-ch		
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection					
	<b>HDTV 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		16-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>	2 SATA interfaces					
	<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		16/4		
<b>General</b>	<b>Power supply</b>	12 VDC					
	<b>Consumption (without HDD)</b>	≤ 15 W	≤ 20 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>	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)					
	<b>Weight (without HDD)</b>	≤ 1.5 kg (3.3 lb)		≤ 2 kg (4.4 lb)			

## Physical Interfaces



### NOTE

The rear panels of DS-7208/7216HUHI-F2/N provide 8/16 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-F2/N, DS-7208HUHI-F2/N, DS-7216HUHI-F2/N

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