

## DS-7200HUHI-F2/N SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Connectable to HDTV, AHD, HDCVI 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

#### Storage and Playback

- Two SATA interfaces (up to 6 TB capacity per HDD)
- HDD quota and group management for flexible recording storage
- 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
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin*
- Clear-text password available

#### Network & Ethernet Access

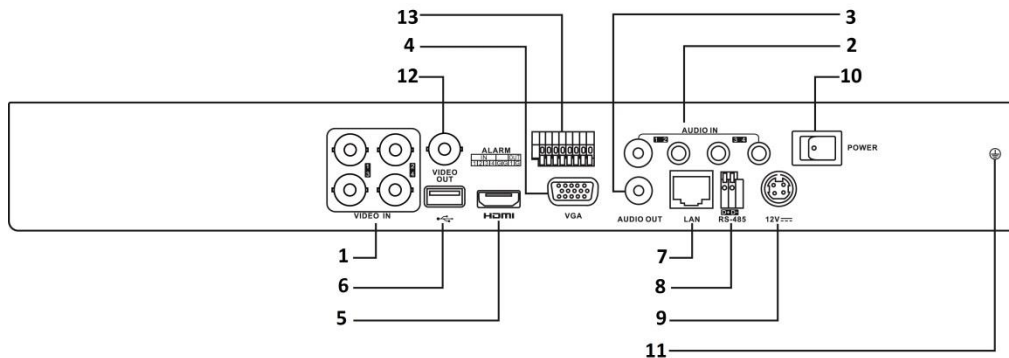
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One gigabit Ethernet network interface ( for DS-7208/7216HUHI-F2/N)
- Output bandwidth limit configurable



## Specifications

Model	DS-7204HUHI-F2/N		DS-7208HUHI-F2/N		DS-7216HUHI-F2/N	
Video/Audio input	Video compression	H.264+/H.264				
	Analog video input	4-ch	8-ch		16-ch	
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection				
	HDTVI input	1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60, 3 MP				
	AHD input	1080p25, 1080p30, 720p25, 720p30				
	HDCVI input	1080p25, 1080p30, 720p25, 720p30				
	CVBS input	Support				
	IP video input	2-ch Up to 4 MP resolution				
	Audio compression	G.711u				
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)				
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480				
	HDMI/VGA output	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		
	Encoding resolution	3 MP/1080p/720p/WD1/4CIF/VGA/CIF				
	Frame rate	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)				
	Video bit rate	32 Kbps to 10 Mbps				
	Audio output	1-ch, RCA (Linear, 1 KΩ)				
	Audio bit rate	64 Kbps				
	Dual stream	Support				
	Stream type	Video, Video & Audio				
	Synchronous playback	4-ch	8-ch		16-ch	
Network management	Remote connections	128				
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF				
Hard disk	SATA	2 SATA interfaces				
	Capacity	Up to 6 TB capacity for each disk				
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)				
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
	USB interface	2 × USB 2.0		Front panel: 1× USB 2.0 Rear panel: 1×USB 3.0		
	Serial interface	RS-485 (half-duplex)				
	Alarm in/out	4/1	8/4		16/4	
General	Power supply	12 VDC				
	Consumption (without HDD)	≤ 15 W		≤ 20 W		
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)				
	Working humidity	10% to 90%				
	Dimensions (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)				
	Weight (without HDD)	≤ 1.5 kg (3.3 lb)		≤ 2 kg (4.4 lb)		

## Physical Interfaces



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		

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## Available Models

DS-7204HUHI-F2/N, DS-7208HUHI-F2/N, DS-7216HUHI-F2/N



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