

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



### Features and Functions

#### Video Input and Transmission

- Self-adaptive Turbo HD/AHD/CVBS signal input
- Up to 2-ch 4 MP IP cameras input
- 5 MP/4 MP Turbo HD video input and live view
- 20 fps in live view for the 5 MP/20 signal input, and real-time frame rate in live view for the 4 MP/25 and 4 MP/30 signal inputs
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p Turbo HD 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 5 MP resolution

#### Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution (DS-7208HUHI-F2/S and DS-7216HUHI-F2/S)
- 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
- 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

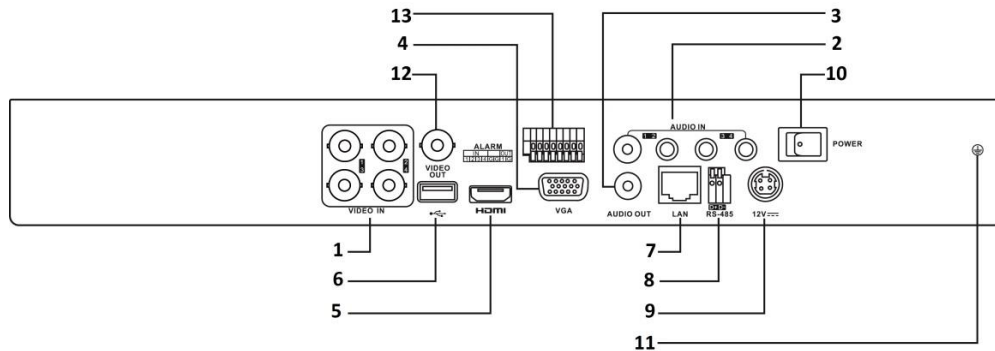
- Hik Cloud P2P & DDNS (Dynamic Domain Name System) for easy network management
- One gigabit Ethernet network interface ( for DS-7208/7216HUHI-F2/S)
- Output bandwidth limit configurable



## Specifications

Model		DS-7204HUHI-F2/S	DS-7208HUHI-F2/S	DS-7216HUHI-F2/S
Video/Audio input	Video compression	H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
	Turbo HD input	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	AHD input	5 MP20, 5 MP12, 4 MP25, 4 MP30, 3 MP18, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25, NTSC, PAL		
	CVBS input	1080p25, 1080p30, 720p25, 720p30		
	IP video input	Support		
	Audio compression	2-ch		
	Audio input	Up to 4 MP resolution		
Video/Audio output	CVBS output	G.711u		
	HDMI/VGA output	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
	Encoding resolution	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	Frame rate	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Video bit rate	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Audio output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Audio bit rate	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF		
	Dual stream	Main stream: 5 MP@10fps/4 MP@15fps/3 MP@15fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
	Stream type	Sub-stream: WD1/4CIF@12 fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)		
	Synchronous playback	32 Kbps to 10 Mbps		
	Remote connections	1-ch, RCA (Linear, 1 KΩ)		
	Network protocols	64 Kbps		
	SATA	Support		
Capacity	Video, Video & Audio			
External interface	Two-way audio input	4-ch		
	Network interface	8-ch		
	USB interface	16-ch		
	Serial interface	RS-485 (half-duplex)		
General	Alarm in/out	4/1		
	Power supply	8/4		
	Consumption (without HDD)	16/4		
	Working temperature	12 VDC		
	Working humidity	≤ 15 W		
	Dimensions (W × D × H)	≤ 20 W		
Weight (without HDD)	≤ 25 W			

## Physical Interfaces



### NOTE

The rear panels of DS-7208/7216HUHI-F2/S 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		

## Available Models

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

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