

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



### Features and Functions

#### Video Input and Transmission

- Connectable to HDTV, AHD and analog cameras
- Up to 2-ch 1080p 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
- Up to 3 MP resolution for recording of the first 2 channels of DS-7208HQHI-F2/N, and the first 4 channels of DS-7216HQHI-F2/N
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

#### Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution for DS-7208HQHI-F2/N and 4K (3840 × 2160) resolution for HDMI output of DS-7216HQHI-F2/N
- Independent CVBS output improves compatibility at the most possibility

#### Storage and Playback

- Two SATA interfaces (up to 6 TB capacity per HDD)
- 8/16-ch synchronous playback
- Smart search for efficient playback

#### 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

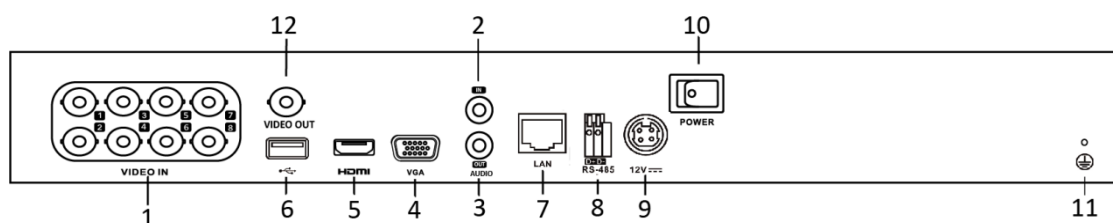
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 1 gigabit Ethernet network interface (for DS-7216HQHI-F2/N)



## Specifications

Model		DS-7208HQHI-F2/N	DS-7216HQHI-F2/N
Video/Audio input	Video compression	H.264+/H.264	
	Analog video input	8-ch	16-ch
	HDTVI input	3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 <b>Note:</b> The 3 MP signal input is only available for the first 2 channels of DS-7208HQHI-F2/N, and the first 4 channels of DS-7216HQHI-F2/N.	
	AHD input	1080p25, 1080p30, 720p25, 720p30	
	CVBS input	Support	
	IP video input	2-ch Up to 1080p resolution	
	Audio compression	G.711u	
	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )	
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ), resolution: PAL: 704 $\times$ 576, NTSC: 704 $\times$ 480	
	HDMI/VGA output	1-ch, 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz	<b>HDMI:</b> 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 <b>VGA:</b> 1-ch, 2K (2560 $\times$ 1440)/60Hz, 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz
	Encoding resolution	When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF	
	Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@12fps For 1080p stream access: 1080p@12fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 6 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	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	
Hard disk	SATA	2 SATA interfaces	
	Capacity	Up to 6 TB capacity for each disk	
External interface	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)	
General	Power supply	12 VDC	
	Consumption (without HDD)	$\leq$ 20 W	$\leq$ 30 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)	380 $\times$ 320 $\times$ 48 mm (15.0 $\times$ 12.6 $\times$ 1.9 inch)	
	Weight (without HDD)	$\leq$ 2 kg (4.4 lb)	

## Physical Interfaces



### NOTE

The rear panel of DS-7216HQHI-F2/N provides 16 video input interfaces.

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

## Available Models

DS-7208HQHI-F2/N, DS-7216HQHI-F2/N

Distributed by



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