DS-7200HQHI-SH Series DVR



Introduction:

DS-7200HQHI-SH series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect HD analog/network cameras and Coaxitron cameras and provide powerful surveillance. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

The DS-7200HQHI-SH series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.

Available Models:

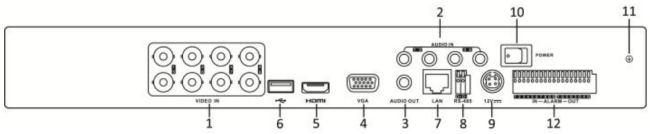
DS-7204HQHI-SH, DS-7208HQHI-SH, DS-7216HQHI-SH

Main Features:

- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance;
- Connectable to network cameras at 1080P resolution;
- Simultaneous HDMI and VGA outputs at up to 1920×1080P resolution;
- New GUI and support starting record with one key;
- Redundant recording and holiday recording;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 16-ch synchronous playback at 1080P resolution; and reverse playback for multi-camera;
- Smart playback to go through less effective information;
- Manual video quality diagnostics;
- VCA detection alarm (line crossing detection and intrusion detection) is supported;
- Customization of tags, searching and playing back by tags;
- Locking and unlocking record files;
- Support HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- 2 SATA interfaces provided for DS-7208/7216HQHI-SH and 1 SATA interface for DS-7204HQHI-SH;
- Up to 1 self-adaptive 10M/100M/1000M network interface;
- Support access by EZVIZ Cloud P2P;
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function.

Physical Interfaces:

DS-7208HQHI-SH:

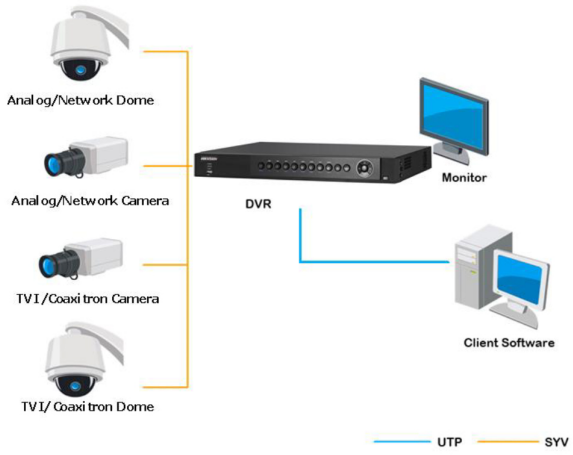


NOTE

The rear panel of DS-7204/7216HQHI-SH provides 4/16 video input connectors.

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

Typical Application:



Specifications:

Model		DS-7204HQHI-SH	DS-7208HQHI-SH	DS-7216HQHI-SH
Video/Audio input	Video compression	H.264		
	Analog and HD-TVI video input	4-ch	8-ch	16-ch
		BNC interface (1.0Vp-p, 75 Ω)		
	Supported camera types	720P/25, 720P/30, 720P/50, 720P/60, 1080P/25, 1080P/30, CVBS		
	IP video input	2-ch		
		Up to 1080P resolution		
	Audio compression	G.711u, G.726, G.711a, G.722		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
	Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st channel of audio input)		
Video/Audio output	HDMI / VGA output	1920 × 1080 / 60 Hz,1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz		
	Encoding resolution	Main stream: 1080P / 720P / VGA / WD1 / 4CIF / CIF		
		Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA		
	Frame rate	Main stream: 1/16 fps ~ Real time frame rate		
		Sub-stream: 1/16 fps ~ Real time frame rate		
	Video bitrate	32 Kbps-10 Mbps		
	Audio output	1-ch, RCA (Linear, 1KΩ)		
	Audio bitrate	64 Kbps		
	Dual-stream	Support		
	Stream type	Video, Video & Audio		
	Synchronous playback	4-ch	8-ch	16-ch
	Playback resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF		
Network management	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface	2 SATA interfaces	
	Capacity	Up to 6 TB capacity for each disk		
External interface	Network interface	1; 10M / 100M / 1000M self-adaptive Ethernet interface		
	Serial interface	1; standard RS-485 serial interface, half-duplex		
	Alarm in/out	4/1	8/4	16/4
	USB port	2 × USB2.0		
General	Power supply	12V DC		
	Consumption (without hard disks)	≤ 15W	≤ 30W	≤ 45W
	Working temperature	-10 ºC ~+55 ºC (14 ºF ~ 131 ºF)		
	Working humidity	10% ~ 90%		
	Chassis	1U chassis	380mm 1U chassis	
	Dimensions (W × D × H)	315 × 242 × 45mm (12.4 × 9.5 × 1.8 inch)	380 × 290 × 48mm (15.0 × 11.4 × 1.9 inch)	
	Weight (without hard disks)	≤ 1.5Kg (3.3lb)	≤ 2Kg (4.4lb)	