

DS-7200HGHI-SH Series DVR



Introduction:

DS-7200HGHI-SH series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect HD analog 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-7200HGHI-SH series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

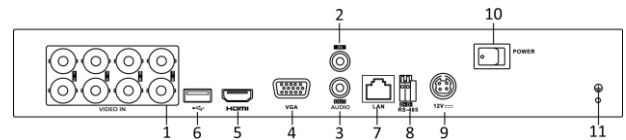
Available Models:

DS-7204HGHI-SH, DS-7208HGHI-SH and DS-7216HGHI-SH.

Main Features:

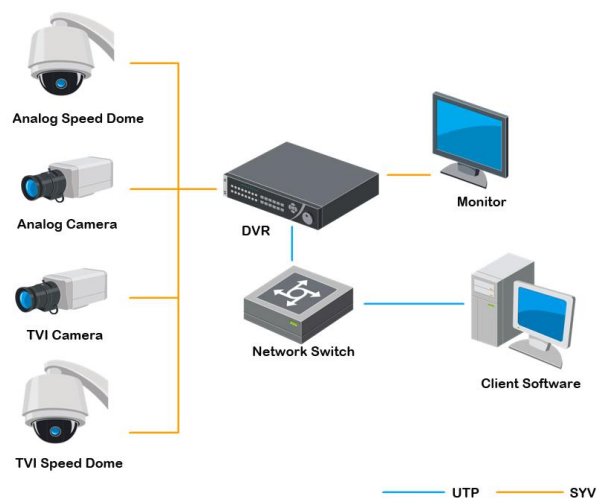
- Connectable to HD-TVI, analog cameras and IP cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance.
- Simultaneous HDMI and VGA outputs at up to 1920×1080P resolution.
- New GUI and support starting record with one key;
- Redundant recording and holiday recording;
- Instant 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;
- 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;
- Provide up to 2 SATA interfaces for recording;
- Up to 1 self-adaptive 10M/100M/1000M network interface for DS-7216HGHI-SH and 1 self-adaptive 10M/100M network interface for other models.
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function;

Physical Interfaces:



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

Typical Application:



Specifications:

Model	DS-7204HGHI-SH	DS-7208HGHI-SH	DS-7216HGHI-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	720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS		
	IPC Access	1-ch (720P/960P/1080P)	2-ch (720P/960P/1080P)	2-ch (720P/960P/1080P)
	Audio compression	G.711u		
	Audio input / Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
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(non-real-time) / 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-6 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, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface		2 SATA interfaces
	Capacity	Up to 4 TB capacity for each disk		
External interface	Network interface	1; 10M / 100M self-adaptive Ethernet interface		1; 10M / 100M / 1000M self-adaptive Ethernet interface
	Serial interface	1; standard RS-485 serial interface, half-duplex		
	USB port	2 × USB2.0		
General	Power supply	12V DC		
	Consumption (without hard disks)	≤ 15W	≤ 20W	≤ 30W
	Working temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)		
	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)