DS-7100HGHI-SH Series DVR

Introduction:

DS-7100HGHI-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-7100HGHI-SH series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

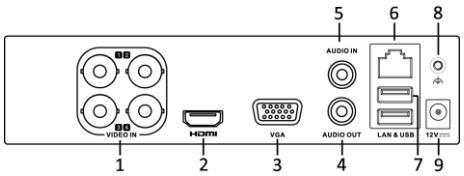
Available Model:

DS-7104HGHI-SH.

Main Features:

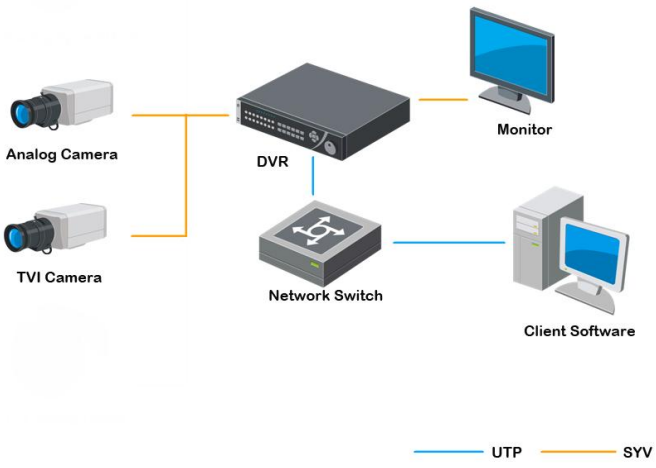
- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance.
- Simultaneous HDMI and VGA outputs at up to 1920×1080P resolution.
- New GUI and support starting record with one key;
- Redundant recording and holiday recording;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 4-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 management; different capacity can be assigned to different cameras under quota mode;
- Provide 1 SATA interface for recording;
- Up to 1 self-adaptive 10M/100M network interface.
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function;

Physical Interfaces:



Index	Name
1	VIDEO IN
2	HDMI Interface
3	VGA Interface
4	AUDIO OUT, RCA Connector
5	AUDIO IN, RCA Connector
6	LAN Network Interface
7	USB Ports
8	GND
9	12VDC Power Input

Typical Application:



Specifications:

Model		DS-7104HGHI-SH
Video/Audio input	Video compression	H.264
	Analog and HD-TVI video input	4-ch
		BNC interface (1.0Vp-p, 75 Ω)
	Supported camera types	720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS
	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
	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
	Capacity	Up to 4 TB capacity for each disk
External interface	Network interface	1; 10M / 100M self-adaptive Ethernet interface
	USB port	2 × USB2.0
General	Power supply	12V DC
	Consumption (without hard disks)	≤ 15W
	Working temperature	-10 ℃ ~+55 ℃ (14 ℉ ~ 131 ℉)
	Working humidity	10% ~ 90%
	Dimensions (W × D × H)	200 × 200 × 45mm (7.9 × 7.9 × 1.8 inch)
	Weight (without hard disks)	≤ 0.8 kg / 1.8lb