

## DS-7100HGHI-E1 Series DVR

### Introduction:

DS-7100HGHI-E1 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-E1 series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

### Available Model:

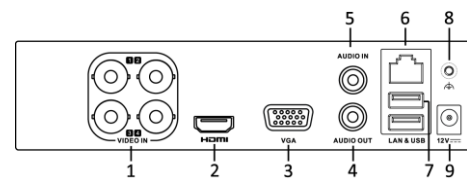
DS-7104HGHI-E1, DS-7108HGHI-E1, DS-7116HGHI-E1.

### 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;
- 4/8/16-ch synchronous playback at 720P 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 HDD with up to 6TB capacity;
- Up to 1 self-adaptive 10M/100M network interface.
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function.



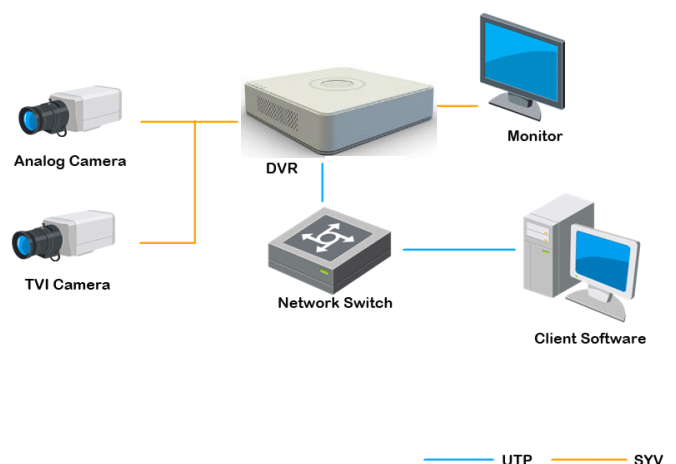
### Physical Interfaces:



The rear panel of DS-7108HGHI-E1/DS-7116HGHI-E1 provides 8/16 video input 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	DS-7108HGHI-SH	DS-7116HGHI-SH
Video/Audio input	Video compression	H.264		
	Analog and HD-TVI video input	4-ch	8-ch	16-ch
	Supported camera types	720P/25, 720P/30, 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: 720P / WD1 / 4CIF / VGA / CIF		
		Sub-stream: CIF / QVGA / QCIF		
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	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		
	Capacity	Up to 6 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)	≤ 8W	≤ 12W	≤ 20W
	Working temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)		
	Working humidity	10% ~ 90%		
	Dimensions (W × D × H)	200 × 200 × 45mm (7.9 × 7.9 × 1.8 inch)		285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)
	Weight (without hard disks)	≤ 0.8 kg / 1.8 lb		≤ 1.2 kg / 2.6 lb



For the video input connectors, each two connectors are grouped in sequence, e.g., CH1 and CH2, CH3 and CH4..., and the two connectors in the same group must be connected with the same type of video source: the analog or HD-TVI.