DS-7200HGHI-E1 Series HD-TVI DVR

Introduction:

DS-7200HGHI-E1 series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect HD TVI /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-7200HGHI-E1 series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

Available Models:

DS-7204HGHI-E1, DS-7208HGHI-E1, and DS-7216HGHI-E1.

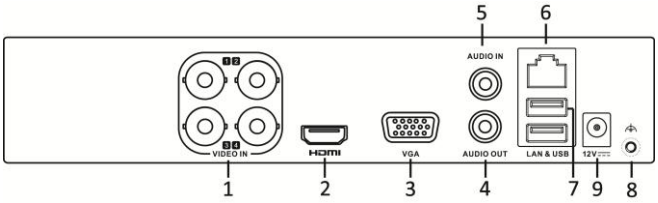
Main Features:

- Connectable to TVI and analog cameras;
- Connectable to the Coaxitron camera with long transmission distance;
- Connectable to network cameras;
- Encoding at up to 720P resolution;
- HDMI output and VGA output at up to 1920×1080P resolution.
- New GUI and supports starting record with one key;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 16-ch synchronous playback; and reverse playback for multi-channel;
- 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;
- Provide 1 SATA interface for HDD with up to 6TB capacity;
- 1 self-adaptive 10M/100M network interface;
- Support access by EZVIZ Cloud P2P;
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function.



Physical Interfaces:

DS-7204HGHI-E1

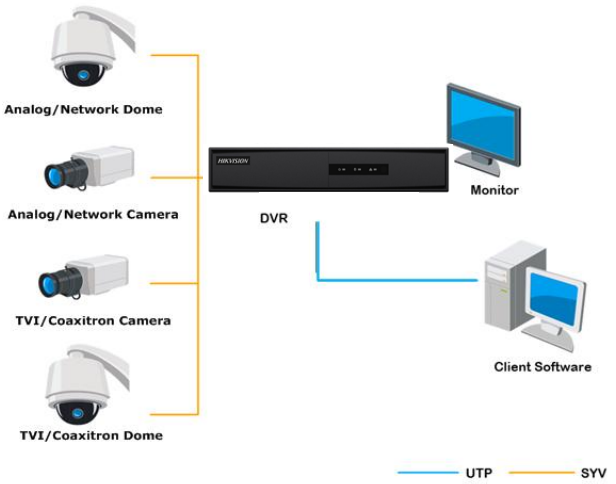


NOTE

The rear panel of DS-7208HGHI-E1/DS-7216HGHI-E1 provides 8/16 video input interfaces.

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

Typical Application:



Specifications:

Model		DS-7204HGHI-E1	DS-7208HGHI-E1	DS-7216HGHI- E1
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, CVBS		
	IP video input	1-ch	2-ch	2-ch
		Up to 720P resolution	Up to 1080P resolution	
	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 / VGA / WD1 / 4CIF / CIF		
		Sub-stream: 2CIF (non-real-time) / CIF	Sub-stream: 4CIF (non-real-time) / 2CIF (non-real-time) / CIF	
	Frame rate	1/16 fps ~ Real time frame rate		
	Video bitrate	32 Kbps ~ 4 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	32	128	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 ℃ ~+55 ℃ (14 ℉ ~ 131 ℉)		
	Working humidity	10% ~ 90%		
	Chassis	1U chassis		
	Dimensions (W × D × H)	260 × 222 × 45mm (10.2 × 8.7 × 1.8 inch)		
	Weight (without hard disks)	≤ 1 Kg (2.2 lb)		≤ 1.2 Kg (2.6 lb)

NOTE 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.