HIKVISION

DS-8124/8132HGHI-SH Series DVR

Introduction:

DS-8100HGHI-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-8100HGHI-SH series DVR are widely applied in the areas of finance public security, military, communication, transportation, education, etc..
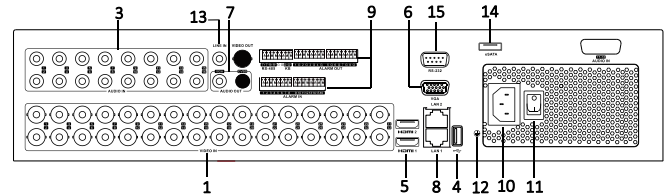
Available Models:

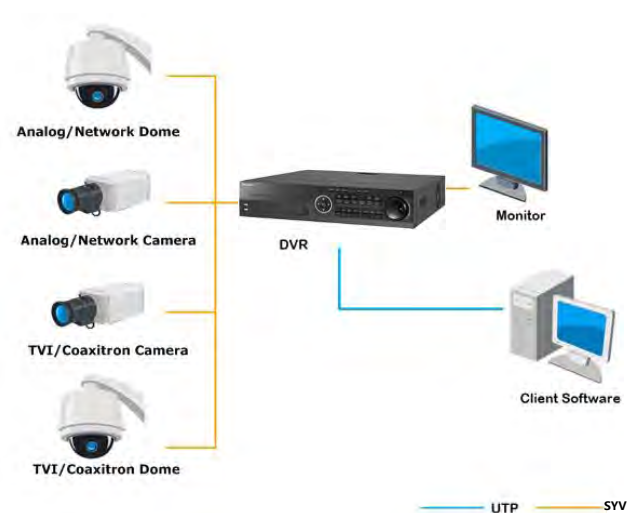DS-8124HGHI-SH, DS-8132HGHI-SH

Main Features:

- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance;
- Connectable to network cameras;
- Simultaneous HDMI1, VGA and HDMI2 outputs; with up to 1920×1080P resolution;
- New GUI and support starting record with one key;
- Redundant recording, holiday recording schedule configuration;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 24/32-ch synchronous playback; and reverse playback for multi-channel;
- Smart playback to go through less effective information;
- Manual video quality diagnostics;
- Support VCA alarm (line crossing detection and intrusion detection);
- 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 8 SATA interfaces and 1 eSATA interface for record and backup;
- 2 self-adaptive 10M/100M/1000M network interfaces, and 3 working modes are configurable: multi-address, load balance, network fault tolerance;
- Support access by EZVIZ Cloud P2P;
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function.

Physical Interfaces:

Index	Name
1	VIDEO IN
3	AUDIO IN, RCA Connector
4	USB Port
5	HDMI1/HDMI2 Interface
6	VGA Interface
7	AUDIO OUT
8	LAN1/LAN2 Network Interfaces
9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
10	100~240V AC Power Input
11	Power Switch
12	GND
13	LINE IN
14	eSATA Interface
15	RS-232 Serial Port

Typical Application:

Specifications:

Model		DS-8124HGHI-SH	DS-8132HGHI-SH
Video/Audio input	**Video compression**	H.264	
	Analog and HD-TVI video input	24-ch	32-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	16-ch (up to 32-ch)	16-ch (up to 32-ch)
		Up to 2MP resolution	
	Audio compression	G.711u	
	Audio input	16-ch	16-ch
		RCA (2.0 Vp-p, 1 KΩ)	
	Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ)	
Video/Audio output	**HDMI 1/ VGA and HDMI2 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 / WD1 / VGA / 4CIF / CIF	
		Sub-stream: WD1(12fps) / 4CIF(12fps) / 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-6Mbps	
	Audio output	1-ch, RCA (Linear, 1KΩ)	
	Audio bitrate	64 Kbps	
	Dual-stream	Support	
	Stream type	Video, Video & Audio	
	Synchronous playback	24-ch	32-ch
	Playback resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF	
Network management	**Remote connection**	128	
	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	**Type**	8 SATA interfaces for 8 HDDs; 1 eSATA interface	
	Capacity	Up to 4 TB capacity for each disk	
External interface	**Network interface**	2; 10M / 100M / 1000M self-adaptive Ethernet interfaces	
	Serial interface	RS-232, RS-485, Keyboard;	
	USB port	3 × USB2.0	
	Alarm in / out	16 / 8	
General	**Power supply**	100 ~ 240VAC, 47 ~ 63HZ	
	Consumption (without hard disks)	≤ 60W	≤ 67W
	Working temperature	-10 ℃ ~+55 ℃ (14 ℉ ~ 131 ℉)	
	Working humidity	10% ~ 90%	
	Chassis	19-inch rack-mounted 2U chassis	
	Dimensions (W ×D ×H)	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)	
	Weight (without hard disks)	≤8Kg (17.6 lb)	