

DS-7300HFHI-ST Series DVR



Introduction:

DS-7300HFHI-ST series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect digital 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-7300HFHI-ST series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

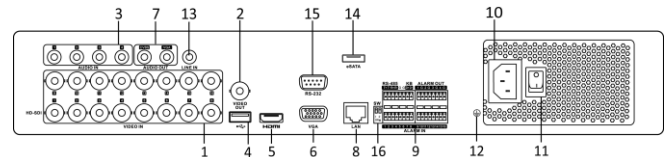
Available Models:

DS-7304HFHI-ST, DS-7308HFHI-ST, and DS-7316HFHI-ST.

Main Features:

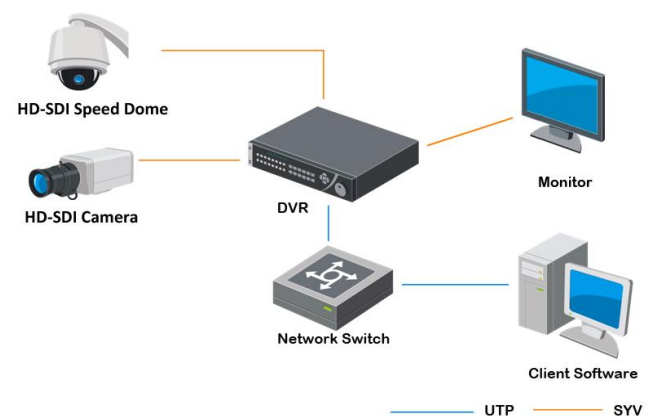
- Connectable to HD-SDI cameras;
- Simultaneous HDMI, VGA and CVBS outputs, HDMI output and VGA output at up to 1920×1080P resolution.
- New GUI and supports starting record with one key;
- Redundant recording, holiday recording and capture schedule configuration;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 16-ch synchronous playback at 1080P resolution; and reverse playback for multi-camera;
- Smart search for the selected area in the video.
- 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 4 SATA interfaces and 1 eSATA interface for record and backup;
- 1 self-adaptive 10M/100M/1000M network interface.
- Support Hikvision DDNS (Dynamic Domain Name System);
- Support Channel-zero encoding to decrease the bandwidth requirement when viewing multiple cameras.
- Network detection function;

Physical Interfaces:



- 1 VIDEO IN
- 2 VIDEO OUT
- 3 AUDIO IN, RCA Connector
- 4 USB Port
- 5 HDMI Interface
- 6 VGA Interface
- 7 CVBS AUDIO OUT and VGA AUDIO OUT
- 8 LAN Network Interface
- 9 RS-485 Serial Interface
- 10 100~240V AC Power Input
- 11 Power Switch
- 12 GND
- 13 LINE IN
- 14 eSATA Interface
- 15 RS-232 Serial Port
- 16 Termination Switch

Typical Application:



Specifications:

Model		DS-7304HFHI-ST	DS-7308HFHI-ST	DS-7316HFHI-ST
Video/Audio input	Video compression	H.264		
	HD-SDI video input	4-ch	8-ch	16-ch
		HD-SDI interface (800 mVp-p, 75 Ω)		
	Supported HD-SDI camera types	1080I60, 1080I50, 1080P30, 1080P25, 720P60, 720P50, 720P30, 720P25		
	Audio compression	G.711u		
	Audio input	4-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 / VGA output	1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz		
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	Encoding resolution	Main stream: 1080P / 720P / VGA / 4CIF / CIF		
		Sub-stream: 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-10 Mbps		
	Audio output	2-ch, RCA (Linear, 1KΩ, for VGA output and CVBS output respectively)		
	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 / 4CIF / CIF / QVGA / QCIF			
Network management	Remote connection	128		
	Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™		
Hard disk	Type	4 SATA interfaces for 4 HDDs; 1 eSATA interface		
	Capacity	Up to 4 TB capacity for each disk		
External interface	Network interface	1; 10M / 100M / 1000M self-adaptive Ethernet interface		
	Serial interface	RS-232, RS-485, Keyboard		
	USB port	3 × USB2.0		
	Alarm in / out	16 / 4		
General	Power supply	100 ~ 240VAC, 47 ~ 63HZ		
	Consumption (without hard disks)	≤35W	≤45W	≤65W
	Working temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)		
	Working humidity	10% ~ 90%		
	Chassis	19-inch rack-mounted 1.5U chassis		
	Dimensions (W × D × H)	440 × 390 × 70 mm (17.3 × 15.3 × 2.7 inch)		
	Weight	≤8Kg (without hard disks)		