HIKVISION

DS-9008HQHI-SH/DS-9016HQHI-SH Tribrid DVRs

Introduction

The DS-9000HQHI-SH Series DVRs (Digital Video Recorders) are new generation recorders developed by Hikvision, which can connect HD analog/network cameras and Up-the-Coax (UTC) cameras and provide powerful surveillance. Combined with multiple advanced technologies such as audio and video encoding and decoding technology, embedded system technology, storage technology, network technology, and intelligent technology, they can work both alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

The DS-9000HQHI-SH Series DVRs are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.
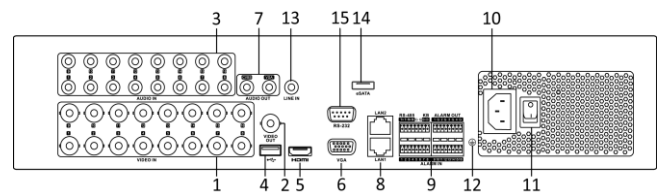
Available Models

DS-9008HQHI-SH, and DS-9016HQHI-SH

Main Features

- Connects to HD-TVI, analog, and IP cameras
- Connects to Up-the-Coax (UTC) cameras/domes with long transmission distance
- Connects to 6 MP network cameras
- Up to 32 network cameras (when all analog channels are disabled) can be added
- 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
- Instant playback for assigned camera during multi-channel live view mode
- Supports up to 16-ch synchronous playback at 1080p resolution, and reverse playback for multi-channels
- Smart playback to speed through less-relevant information
- Manual video quality diagnostics
- Customization of tags, searching and playing back by tags
- Locking and unlocking record files
- Supports VCA alarm (line crossing detection intrusion detection)
- Supports HDD quota and group management; different capacities can be assigned to different cameras under quota mode

Physical Interfaces

Index	Name
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	LAN1 LAN2 Network Interfaces
9	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
10	100 to 240 VAC Power Input
11	Power Switch
12	GND
13	LINE IN
14	eSATA Interface
15	RS-232 Serial Port

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For more information: www.hikvision.com

Specifications

Model		DS-9008HQHI-SH	DS-9016HQHI-SH
Video/Audio Input	**Video Compression**	H.264	
	Analog and HD-TVI Video Input	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω)	
	IP Video Input	10-ch (up to 18-ch)	18-ch (up to 32-ch)
		Up to 6 MP resolution	
	Audio Compression	G.711u	
	Audio Input	8-ch	16-ch
		RCA (2.0 Vp-p, 1 K Ω)	
	Two-Way Audio In	1-ch, RCA (2.0 Vp-p, 1 K Ω)	
Network	**Incoming/Outgoing Bandwidth**	160 Mbps/160 Mbps	260 Mbps/260 Mbps
	Remote Connection	128	
	Network Protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS	
Video/Audio Output	**HDMI Output**	1-ch	
		1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768	
	VGA Output	1-ch	
		1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768	
	CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: 704 × 480	
	Encoding Resolution	Main stream: 1080p/720p/WD1/VGA/4CIF/CIF	
		Sub-stream: WD1 (non real-time)/4CIF (non real-time)/CIF/QCIF/QVGA	
	Frame Rate	Main stream: 1/16 fps to real time frame rate	
		Sub-stream: 1/16 fps to real time frame rate	
	Video Bitrate	32 Kbps to 10 Mbps	
	Audio Output	2-ch, RCA (linear, 1 K Ω, for VGA output and CVBS output respectively)	
	Audio Bitrate	64 Kbps	
	Dual-Stream	Supported	
	Stream Type	Video, Video & Audio	
	Synchronous Playback	8-ch	16-ch
	Playback Resolution	1080p/720p/VGA/WD1/4CIF/CIF/QVGA/QCIF	
Hard Disk	**Type**	8 SATA interfaces for 8 HDDs; 1 eSATA interface	
	Capacity	Up to 6 TB capacity for each disk	
	DVD-RW	Supported (replaces 4x SATA ports)	
External Interface	**Network Interface**	2; 10M/100M/1000M self-adaptive Ethernet interfaces	
	Serial Interface	RS-232, RS-485, keyboard	
	USB Port	3 x USB 2.0	
	Alarm In/Out	16/4	
General	**Power Supply**	100 to 240 VAC, 47 to 63 Hz	
	Consumption (without hard disks)	≤45 W	≤65 W
	Working Temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)	
	Working Humidity	10% to 90%	
	Chassis	19-inch rack-mounted 2U chassis	
	Dimensions (W × D × H)	445 mm × 470 mm × 90 mm (17.5 × 18.5 × 3.5 inch)	
	Weight (without hard disks)	≤8 Kg (17.6 lb)	