

DS-9000HQHI-SH Series DVR



Introduction:

DS-9000HQHI-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-9000HQHI-SH series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

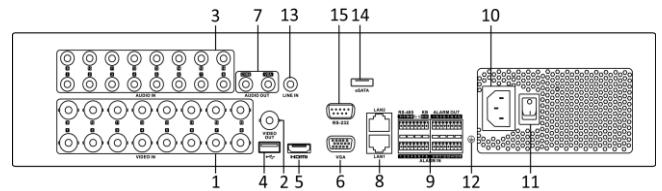
Available Models:

DS-9004HQHI-SH, DS-9008HQHI-SH, and DS-9016HQHI-SH.

Main Features:

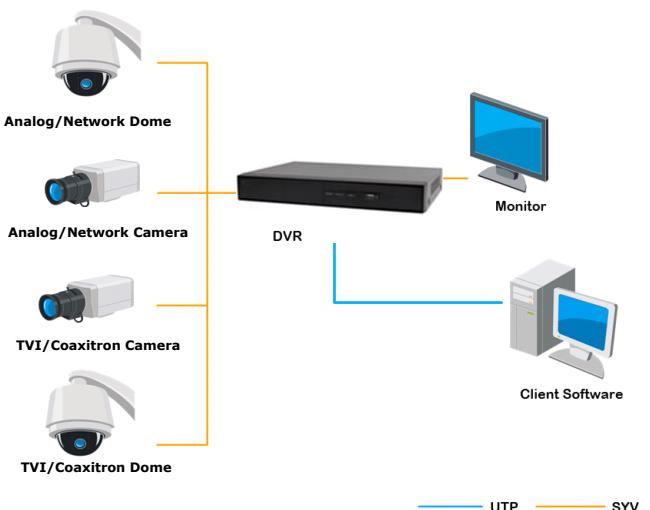
- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance;
- Connectable to 5MP network cameras;
- Up to 32 network cameras (when all analog channels are disabled) can be added;
- Simultaneous HDMI, VGA and CVBS outputs; HDMI output and VGA output at up to 1920×1080P resolution;
- New GUI and support starting record with one key;
- Multiple recording types: manual, continuous, alarm, motion, motion + alarm, motion & alarm and VCA;
- 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-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;
- Support VCA alarm (line crossing detection intrusion detection);
- 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);
- Support Channel-zero encoding to decrease the bandwidth requirement when viewing multiple cameras.

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 | 100~240V AC Power Input |
| 11 | Power Switch |
| 12 | GND |
| 13 | LINE IN |
| 14 | eSATA Interface |
| 15 | RS-232 Serial Port |

Typical Application:



Specifications:

| Model | | DS-9004HQHI-SH | DS-9008HQHI-SH | DS-9016HQHI-SH |
|--------------------|---|---|--------------------|--------------------|
| 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/25Hz, 720P/30 Hz, 720P/50 Hz, 720P/60 Hz, 1080P/25 Hz, 1080P/30 Hz, CVBS | | |
| | IP video input | 6-ch(up to 10-ch) Up to 5MP resolution | 10-ch(up to 18-ch) | 18-ch(up to 32-ch) |
| | Audio compression | G.711u | | |
| | Audio input | 4-ch RCA (2.0 Vp-p, 1 KΩ) | 8-ch | 16-ch |
| Network | Two-way audio in | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | | |
| | Incoming bandwidth | 110Mbps | 160Mbps | 260Mbps |
| | Remote connection | 128 | | |
| Video/Audio output | Network protocols | TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS | | |
| | HDMI output | 1-ch (HDMI/VGA) 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz | 1-ch | |
| | VGA output | 1-ch (HDMI/VGA) 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz | 1-ch | |
| | CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 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 ~ 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 / 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 | | |
| | eSATA | 1 eSATA interface | | |
| 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 / 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 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) | | |