# DS-7200HQHI-SH Series DVR



## Introduction:

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

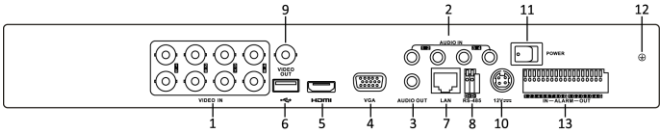
## Available Models:

DS-7204HQHI-SH and DS-7208HQHI-SH.

## Main Features:

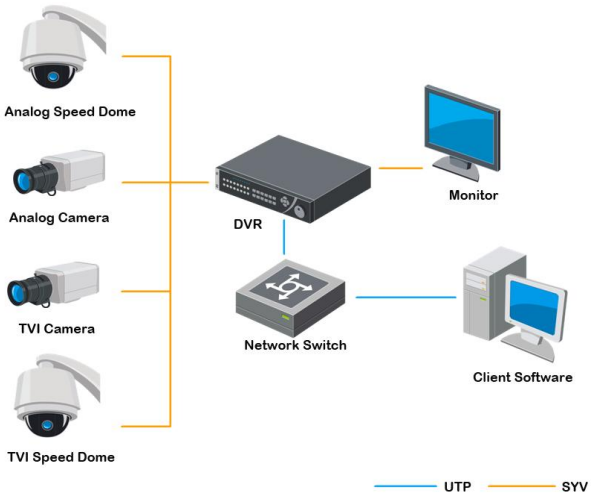
- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera/dome with long transmission distance.
- Simultaneous HDMI and VGA outputs at up to 1920×1080P resolution.
- New GUI and support starting record with one key;
- Redundant recording and holiday recording;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 8-ch synchronous playback at 1080P resolution; and reverse playback for multi-camera;
- 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 HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- Provide 1 SATA interfaces for recording;
- Up to 1 self-adaptive 10M/100M/1000M network interface.
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function;

## Physical Interfaces:




| Index | Name |
|---|---|
| 1 | VIDEO IN |
| 2 | AUDIO IN, RCA Connector |
| 3 | AUDIO OUT, RCA Connector |
| 4 | VGA Interface |
| 5 | HDMI Interface |
| 6 | USB Port |
| 7 | LAN Network Interface |
| 8 | RS-485 Serial Interface |
| 9 | 12VDC Power Input |
| 10 | Power Switch |
| 11 | GND |
| 12 | ALARM IN and ALARM OUT |

## Typical Application:



# Specifications:

| Model | | DS-7204HQHI-SH | DS-7208HQHI-SH |
|---|---|---|---|
| Video/Audio input | Video compression | H.264 | |
| | Analog and HD-TVI video input | 4-ch | 8-ch |
| | | BNC interface (1.0Vp-p, 75 Ω) | |
| | Supported camera types | 720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS | |
| | 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) (using the 1st channel of audio input) | |
| 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: 1080P / 720P / VGA / WD1 / 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 | 1-ch, RCA (Linear, 1KΩ) | |
| | Audio bitrate | 64 Kbps | |
| | Dual-stream | Support | |
| | Stream type | Video, Video & Audio | |
| | Synchronous playback | 4-ch | 8-ch |
| | Playback resolution | 1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF | |
| Network management | Remote connections | 128 | |
| | Network protocols | TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS | |
| Hard disk | SATA | 1 SATA interface | 2 SATA interfaces |
| | Capacity | Up to 4 TB capacity for each disk | |
| External interface | Network interface | 1; 10M / 100M / 1000M self-adaptive Ethernet interface | |
| | Serial interface | 1; standard RS-485 serial interface, half-duplex | |
| | Alarm in/out | 4/1 | 8/4 |
| | USB port | 2 ×USB2.0 | |
| General | Power supply | 12V DC | |
| | Consumption (without hard disks) | ≤ 15W | ≤ 20W |
| | Working temperature | -10 ℃~+55 ℃ (14 ℉ ~ 131 ℉) | |
| | Working humidity | 10% ~ 90% | |
| | Chassis | 1U chassis | 380mm 1U chassis |
| | Dimensions (W ×D ×H) | 315 ×242 ×45mm (12.4 ×9.5 ×1.8 inch) | 380 ×290 ×48mm (15.0 ×11.4 ×1.9 inch) |
| | Weight (without hard disks) | ≤ 1.5Kg (3.3lb) | ≤ 2Kg (4.4lb) |