

DS-7100HGHI-E1 SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTV and analog cameras
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 720p resolution

Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution

Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback at up to 720p resolution
- Smart search for efficient playback

Smart Function

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface



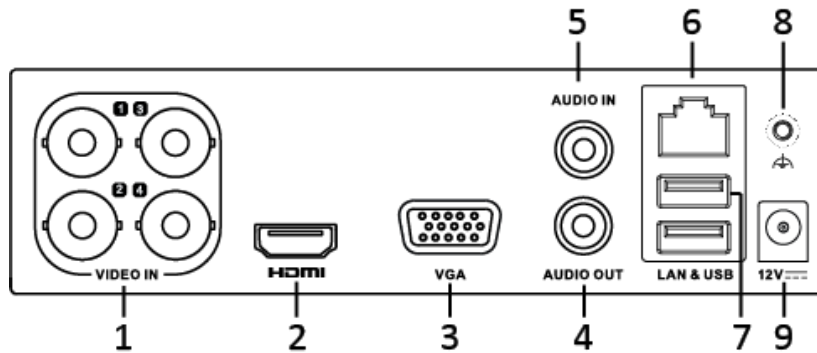
Specifications

| Model | | DS-7104HGHI-E1 | DS-7108HGHI-E1 | DS-7116HGHI-E1 |
|--------------------|---------------------------------|--|---|---|
| Video/Audio input | Video compression | H.264+/H.264 | | |
| | Analog and HDTV video input | 4-ch | 8-ch | 16-ch |
| | | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | |
| | Supported camera types | 720p/25Hz, 720p/30Hz, CVBS | | |
| | Audio compression | G.711u | | |
| | Audio input/Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | | |
| Video/Audio output | HDMI/VGA output | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | |
| | Encoding resolution | 720p/WD1/4CIF/VGA/CIF | | |
| | Frame rate | Main stream: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | | |
| | | Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N) | Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N) | |
| | Video bit rate | 32 Kbps to 4 Mbps | | |
| | Audio output | 1-ch, RCA (Linear, 1 KΩ) | | |
| | Audio bit rate | 64 Kbps | | |
| | Dual stream | Support | | |
| | Stream type | Video, Video & Audio | | |
| | Synchronous playback | 4-ch | 8-ch | 16-ch |
| Network management | Remote connections | 32 | 128 | |
| | Network protocols | TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | |
| Hard disk | SATA | 1 SATA interface | | |
| | Capacity | Up to 6 TB capacity for each disk | | |
| External interface | Network interface | 1, RJ45 10M/100M self-adaptive Ethernet interface | | |
| | USB interface | 2 × USB 2.0 | | |
| General | Power supply | 12 VDC | | |
| | Consumption (without HDD) | ≤ 8 W | ≤ 12 W | ≤ 20 W |
| | Working temperature | -10 °C to +55 °C (14 °F to 131 °F) | | |
| | Working humidity | 10% to 90% | | |
| | Dimensions (W × D × H) | 200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch) | | 285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch) |
| | Weight (without HDD) | ≤ 0.8 kg (1.8 lb) | | ≤ 1.2 kg (2.6 lb) |



Each two video channels are grouped in sequence, e.g., CH01 and CH02, CH03 and CH04...; and each two channels in the same group must be connected with the same type of video source (TVI or CVBS). The above information is for reference only. Please refer to the specific configuration of the device.

Physical Interfaces



The rear panel of DS-7108/7116HGHI-E1 provides 8/16 video input interfaces.

| Index | Description | Index | Description |
|-------|--------------------------|-------|-----------------------|
| 1 | VIDEO IN | 6 | LAN Network Interface |
| 2 | HDMI Interface | 7 | USB Interfaces |
| 3 | VGA Interface | 8 | GND |
| 4 | AUDIO OUT, RCA Connector | 9 | 12 VDC Power Input |
| 5 | AUDIO IN, RCA Connector | | |

Available Models

DS-7104HGHI-E1, DS-7108HGHI-E1, DS-7116HGHI-E1

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