

HIK-7100SH-F1 SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTVI, AHD, HDCVI and analog cameras
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Full channel recording at up to 720p resolution

Video Output

- 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)
- Unlock pattern for device login for the *admin*
- Clear-text password available

Network & Ethernet Access

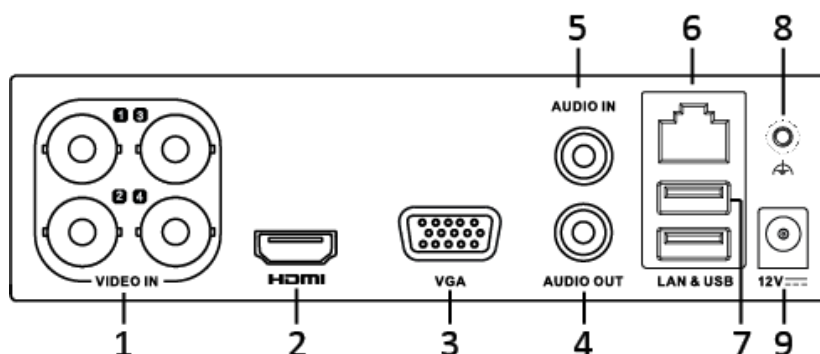
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable



Specifications

| Model | | HIK-7104SH-F1 | HIK-7108SH-F1 | HIK-7116SH-F1 |
|---------------------------------|-----------------------------|--|---|---|
| Video/Audio input | Video compression | H.264+/H.264 | | |
| | Analog video input | 4-ch | 8-ch | 16-ch |
| | | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | |
| | HDTVI input | 720p/25Hz, 720p/30Hz | | |
| | AHD input | 720p/25Hz, 720p/30Hz | | |
| | HDCVI input | 720p/25Hz, 720p/30Hz | | |
| | CVBS input | Support | | |
| | Audio compression | G.711u | | |
| Audio input/Two-way audio input | 1-ch ,RCA (2.0 Vp-p, 1 K Ω) | | | |
| Video/Audio output | HDMI/VGA output | 1-ch, 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: CIF/QVGA/QCIF@ 25fps (P)/30fps (N); 2CIF@6fps | Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N); 4CIF/2CIF@6fps | |
| | Video bit rate | 32 Kbps to 4 Mbps | | |
| | Audio output | 1-ch, RCA (Linear, 1 K Ω) | | |
| | 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 | Rear panel: 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) |

Physical Interfaces



The rear panel of HIK-7108/7116SH-F1 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

HIK-7104SH-F1, HIK-7108SH-F1 , HIK-7116SH-F1

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