

DS-6701HFHI/V SERIES HD ENCODER



Features and Functions

- H.264 encoding formats available; independent configuration of encoding formats for main stream and sub stream;
- 1-ch HDMI or VGA video input and 1-ch VGA video loop output provided;
- Encoding at HD resolution of 1080p/720p/UXGA, etc.;
- Display resolution of the front-end video signal source on picture;
- VGA picture position adjustment and target cropping;
- Restoration to default configuration;
- Up to 128G Micro SD card available;
- NFS/iSCSI protocol to realize NAS/IPSAN network storage;
- Simple and easy network configuration via UPNP/DHCP protocol;
- Easy network access via Hik-connect Cloud P2P;
- HTTPS encryption to guarantee the security and reliability of network application;
- Cross-platform access via multi-browsers such as IE, FireFox, Chrome, Safari, etc.;
- Supports open API and ONVIF protocol for software integration.

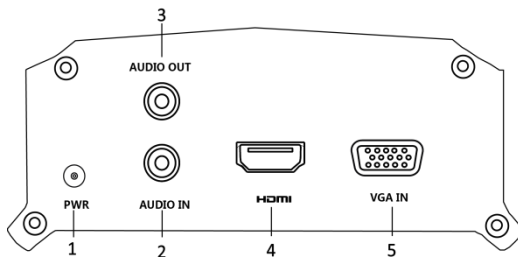


Specifications

| Model | DS-6701HFHI/V | | |
|----------------------------|---|---|--|
| Video/Audio input/output | Video input | 1-ch, VGA | |
| | | 1-ch, HDMI | |
| | Video input format/frame rate | VGA: UXGA (1600 × 1200)p/60Hz, 1080p/60Hz, 1080p/50Hz, SXGA (1280 × 1024)p/60Hz, 1440 × 900p/60 Hz, 1366 × 768p/60 Hz, 720p/60Hz, XGA (1024 × 768)p/75Hz, XGA (1024 × 768)p/60Hz, 800 × 600p/60Hz, 640 × 480p/60Hz HDMI: UXGA (1600 × 1200)p/60Hz, 1080p/60Hz, SXGA (1280 × 1024)p/60Hz, 720p/60Hz, XGA (1024 × 768)p/60Hz | |
| | | Video loop output Audio input Audio output | 1-ch, VGA 1-ch, 3.5 mm interface (two-way audio multiplex) 1-ch, 3.5 mm interface (linear, 600Ω) |
| | Video/Audio encoding/decoding parameter | Video compression standard | H.264 |
| | | Video encoding resolution | UXGA/1080p/SXGA/720p/XGA/WD1/4CIF/CIF |
| Video frame rate | | 1/16 FPS to full frame rate (full frame rate includes 25/30/50/60 frames, depending on input signal) | |
| Video bitrate | | 32 Kbps to 8192 Kbps, up to 16 Mbps | |
| Audio compression standard | | G.711u/G.711a/AAC | |
| Audio bitrate | | 16Kbps/128Kbps | |
| Stream type | | Video & audio/video | |
| Dual stream | | Dual stream Sub stream resolution: WD1/4CIF/2CIF/CIF/QCIF | |
| Storage | Network storage | NAS, iSCSI, IPSAN | |
| | SD card | Micro SD card | |
| | Maximum capacity | 4 TB for network single hard disk, 128 GB for micro SD card | |
| Network | Security | Password protection, HTTPS encryption | |
| | Network protocol | IPv4/v6, HTTP, HTTPS, FTP, SMTP, RTMP, UPnP, SNMP, ONVIF, DNS, DynDNS, HiDDNS, Hik-connect Cloud P2P, NTP, RTSP, RTP/RTCP, TCP, UDP, IGMP, ICMP, DHCP, ARP | |
| External interface | Two-way audio input | 1, 3.5 mm interface (audio input multiplex) | |
| | Network interface | 1, RJ45 10/100 M self-adaptive Ethernet interface | |
| | Serial interface | 1, RS-485, half-duplex | |
| | | 1, RS-232 | |
| | Alarm in | 1-ch | |
| | Alarm out | 1-ch | |
| Restoration | Support | | |
| General | Power supply | 12 VDC, 2-pin connector | |
| | Consumption | ≤ 6 W | |
| | Working temperature | -10 to +55°C (14 °F to 131 °F) | |
| | Working humidity | 10 to 90 % | |
| | Dimensions (W × H × D) | 114 × 47.5 × 127.5 mm (4.5" × 1.9" × 5.0") | |
| Weight | ≤ 1 kg (2.2 lb) | | |

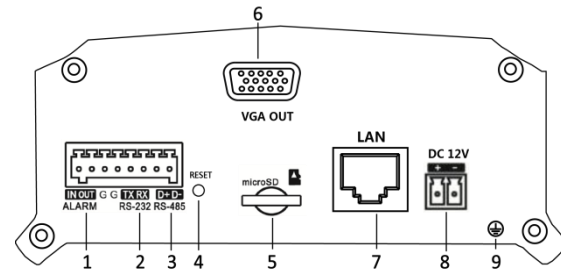
Physical Interfaces

Front Panel



| Index | Description |
|-------|---------------------|
| 1 | Power LED Indicator |
| 2 | Audio Input |
| 3 | Audio Output |
| 4 | HDMI Input |
| 5 | VGA Input |
| | |
| | |
| | |
| | |

Rear Panel



| Index | Description |
|-------|--------------------------------|
| 1 | Alarm In/Out |
| 2 | RS-232 Serial Interface |
| 3 | RS-485 Serial Interface |
| 4 | RESET |
| 5 | microSD interface |
| 6 | VGA OUT |
| 7 | 10M/100Mbps Ethernet interface |
| 8 | 12 VDC Power Supply |
| 9 | GND |

Available Models

DS-6701HFHI/V

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