

DS-6700HUHI SERIES TURBO HD ENCODER



Features and Functions

Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 5 MP HDTV video input and live view
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264/MJPEG for the sub-stream of analog cameras
- Full channel recording at up to 5 MP resolution

Storage and Playback

- 1 Micro SD card slot (8G up to 128 GB capacity)
- Searching and playing back record files by camera number, recording type, start time, end time, etc.

Smart Function

- Supports line crossing detection, intrusion detection, sudden scene change detection, and audio exception detection

Network & Ethernet Access

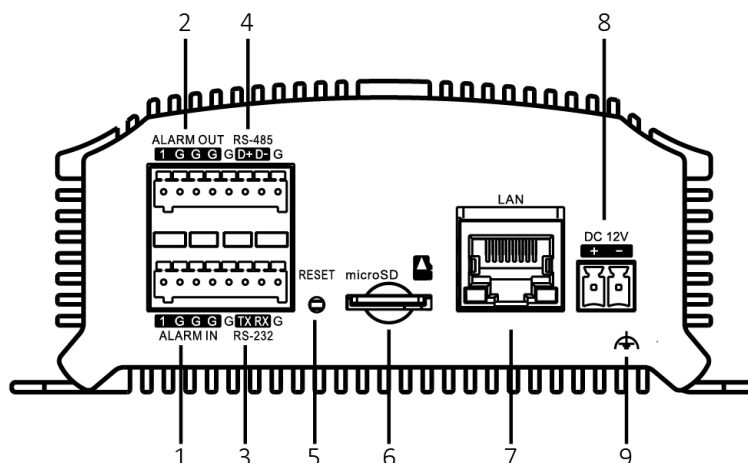
- DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface



Specifications

| Model | DS-6701HUHI | | DS-6704HUHI | |
|--------------------------|------------------------|--|---|---|
| Video/Audio input/output | Video input | 1-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | 4-ch |
| | HDTVI input | 5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 | | 5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 |
| | AHD input | 1080p25, 1080p30, 720p25, 720p30 | | |
| | HDCVI input | 1080p25, 1080p30, 720p25, 720p30 | | |
| | CVBS input | PAL/NTSC | | |
| | Audio input | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN) | | 4-ch |
| | Audio output | 1-ch, RCA (Linear, 1 KΩ) | | 1-ch, RCA (Linear, 1 KΩ) |
| | Synchronous playback | 1-ch | | 4-ch |
| Video/Audio encoding | Video compression | MJPEG (sub-stream)/H.265+/H.265/H.264+/H.264 | | |
| | Audio compression | G.711u | | |
| | Main stream | 5 MP/4 MP/ 3 MP/1080p/720p/WD1/4CIF/VGA/CIF | | 5 MP/4 MP/ 3 MP/1080p/720p/WD1/4CIF/VGA/CIF |
| | Frame rate | Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N) | | Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) |
| | Video bit rate | 32 Kbps to 10 Mbps | | |
| | Audio bit rate | 64 Kbps | | |
| | Dual stream | Support | | |
| | Network management | Network protocols | TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS, ONVIF profile S | |
| Storage | SD Card | 1 Micro SD card slot, support Micro SD card | | |
| | Capacity | 8G Up to 128 GB | | |
| External interface | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 st audio input) | | 1-ch, RCA (2.0 Vp-p, 1 KΩ) |
| | Network interface | 1, RJ45 10M/100Mself-adaptive Ethernet interface | | |
| | Serial interface | RS-485 (half-duplex); RS-232 | | |
| | Alarm in/out | 1/1 | | 4/2 |
| General | Power supply | 12 VDC, 1.25 A | | |
| | Consumption | ≤ 15W | | |
| | Working temperature | -10 °C to +55 °C (+144 °F to +131 °F) | | |
| | Working humidity | 10% to 90% | | |
| | Dimensions (W × D × H) | 162.5 × 114 × 47.5 mm(6.4 × 4.5 × 1.9 inch) | | |
| | Weight | ≤ 1.5 kg (3.3 lb) | | |

Physical Interfaces



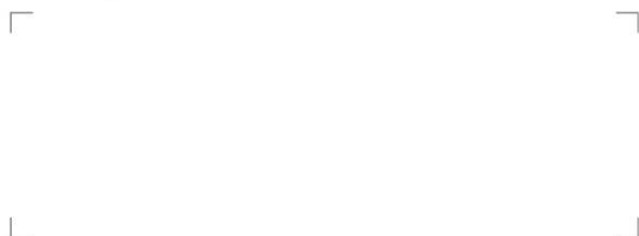
The rear panel of DS-6704HUHI provides 4 alarm in and 2 alarm out interfaces.

| Index | Description | Index | Description |
|-------|-------------------------|-------|-----------------------|
| 1 | Alarm In | 6 | Micro SD Card Slot |
| 2 | Alarm Out | 7 | LAN Network Interface |
| 3 | RS-232 Serial Interface | 8 | 12 VDC Power Input |
| 4 | RS-485 Serial Interface | 9 | GND |
| 5 | RESET | | |

Available Models

DS-6701HUHI, DS-6704HUHI

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