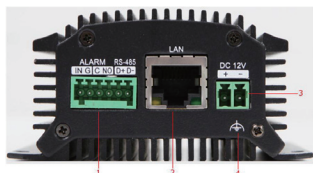


DS-6701/6704/6708/6716HFI/HWI(-SATA)

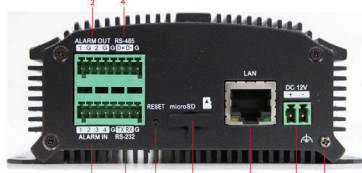
Video Encoder

DS-6701HFI/HWI



1. Alarm in/Alarm out
2. LAN
3. 12 VDC
4. GND

DS-6704HFI/HWI



1. Alarm in
2. Alarm out
3. RS-232 interface
4. RS-485 interface
5. Reset
6. MicroSD
7. LAN
8. 12 VDC
9. GND

DS-6708HFI/HWI(-SATA)



1. Video in
2. Line in
3. Audio out
4. Audio in
5. LAN
6. Reset
7. RS-232, RS-485 interface
8. Alarm in
9. Alarm out
10. 12 VDC
11. GND

Key features

- H.264/MPEG4/MPEG2/MJPEG encoding standards supported
- Support encoding video at up to 4CIF resolution for DS-6700HFI (-SATA) and up to WD1 resolution for DS-6700HWI (-SATA)
- One independent PoE network interfaces for DS-6701/6704HFI/HWI models;
- Connectable with network HDD in NAS, IPSAN mode
- Support multiple network protocols, including IPv4/v6, HTTP, HTTPS, QoS layer3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3, OnVIF, PSIA, SOCKSv4/v5, etc.;
- Multiple PTZ protocols

DS-6716HFI/HWI(-SATA)



1. Video in
2. Line in
3. Audio out
4. Audio in
5. LAN
6. Reset
7. RS-232, RS-485 interface
8. Alarm in
9. Alarm out
10. 12 VDC
11. GND

| | DS-6701HFI/HWI(-SATA) | DS-6704HFI/HWI(-SATA) | DS-6708HFI/HWI(-SATA) | DS-6716HFI/HWI(-SATA) |
|---------------------------|--|--|--|--|
| Video/Audio input | | | | |
| Video Compression | H.264 / MPEG4 / MPEG2 / MJPEG | | | |
| Video input | 1-ch, BNC (1.0 Vp-p, 75 Ω) | 4-ch, BNC (1.0 Vp-p, 75 Ω) | 8-ch, BNC (1.0 Vp-p, 75 Ω) | 16-ch, BNC (1.0 Vp-p, 75 Ω) |
| Audio Compression | G.711u | | | |
| Audio input | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN) | 4-ch, Line input interface (2.0 Vp-p, 1 kΩ) | 8-ch, Line input interface (2.0 Vp-p, 1 kΩ) | 16-ch, Line input interface (2.0 Vp-p, 1 kΩ) |
| Two-way audio input | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN) | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) | 1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) |
| Video/Audio output | | | | |
| Audio output | 1-ch, 3.5mm interface (Linear, 600 Ω) | | | |
| Recording resolution | DS-6700HFI(-SATA): 4CIF / 2CIF / CIF / QCIF DS-6700HWI(-SATA): WD1 / 4CIF / 2CIF / CIF / QCIF | | | |
| Frame rate | 25 fps (P) / 30 fps(N) | | | |
| Video bit rate | 32 Kbps ~ 3072 Kbps, or user defined (Max. 8192 Mbps) | | | |
| Audio bit rate | 64 Kbps | | | |
| Dual-stream | Support | | | |
| Stream type | Video, Video & Audio | | | |
| Data storage | | | | |
| Type | NAS, iSCSI, IPSAN, MicroSD | NAS, iSCSI, IPSAN, MicroSD | NAS, iSCSI, IPSAN | NAS, iSCSI, IPSAN |
| Capacity | Up to 4 TB capacity for each disk, and 32G for microSD storage | | | |
| External interface | | | | |
| Network interface | 1 RJ-45 10 M / 100 Mbps adaptive Ethernet interface (PoE) | | 1 RJ-45 10 M / 100 M / 1000 Mbps adaptive Ethernet interface | |
| Protocols | IPv4/v6, HTTP, HTTPS, QoS layer3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, hkdDNS, NTP, RTSP, RTP/RTCP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SOCKSv4/v5, PSIA, OnVIF, Hik CGI, netFilter | | | |
| Serial interface | 1 half-duplex RS-485 interface | 1 half-duplex RS-485 interface 1 RS-232 interface | 1 half-duplex RS-485 interface 1 RS-232 interface | 1 half-duplex RS-485 interface 1 RS-232 interface |
| Alarm in | 1 | 4 | 8 | 16 |
| Alarm out | 1 | 2 | 4 | 4 |
| General | | | | |
| Power supply | 12 VDC | | | |
| Consumption | ≤ 5W | ≤ 7W | ≤ 10W | ≤ 22W |
| Working temperature | -10 °C ~ +55 °C | | | |
| Working humidity | 10% ~ 90% | | | |
| Dimensions (W × D × H) | 80 × 39 × 90 mm 315 × 45 × 200 mm (for "-SATA" model) | 114 × 48 × 128 mm 315 × 45 × 200 mm (for "-SATA" model) | 315 × 45 × 200 mm | 440 × 45 × 274 mm |
| Weight | ≤ 0.5 Kg | ≤ 1 Kg | ≤ 2 Kg | ≤ 4 Kg |

* -SATA: 1 SATA interface