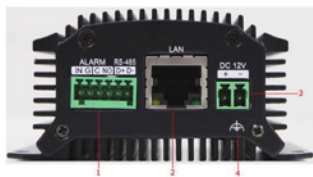


# DS-6701/6704/6708/6716HFI/HWI(-SATA)

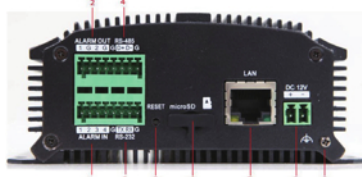
## Video Encoder

DS-6701HFI/HWI



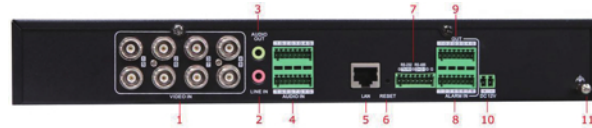
1. Alarm in/Alarm out
2. LAN
3. 12 VDC
4. GND

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)
<b>Video/Audio input</b>				
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)
<b>Video/Audio output</b>				
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			
<b>Data storage</b>				
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			
<b>External interface</b>				
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
<b>General</b>				
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