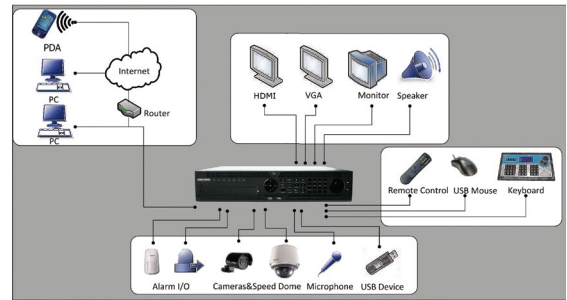


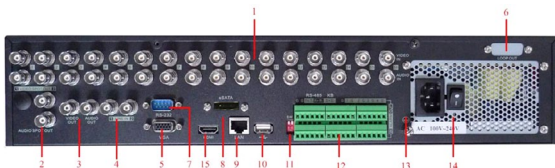
DS-9104/9108/9116HFI-RH High-end DVR



Key features

- H.264 video compression
- 4CIF resolution real-time recording
- HDMI output at up to 1920×1080P resolution
- 4/8/16-ch synchronous playback
- RAID0,1,5,10 supported
- HDD with hot-swap capability

Rear Panel of DS-9116HFI-RH



1. Video in, audio in
2. Video spot out (for video live view only), audio spot out
3. Video out, audio out
4. Line in
5. VGA interface
6. Video loop out
7. RS-232 serial interface
8. eSATA interface
9. LAN network interface
10. USB interface
11. RS-485 matched resistance switch
12. RS-485 serial interface, keyboard interface, alarm in, alarm out
13. GND
14. 100~240VAC Power input
15. HDMI interface

Specifications

| | DS-9104HFI-RH | DS-9108HFI-RH | DS-9116HFI-RH |
|-----------------------------|---|---|--|
| Video / Audio input | | | |
| Video compression | H.264 | | |
| Video input | 4-ch, BNC (1.0 Vp-p, 75 Ω), PAL/NTSC adaptive | 8-ch, BNC (1.0 Vp-p, 75 Ω), PAL/NTSC adaptive | 16-ch, BNC (1.0 Vp-p, 75 Ω), PAL/NTSC adaptive |
| Audio compression | OggVorbis | | |
| Audio input | 4-ch, BNC (2.0 Vp-p, 1 kΩ) | 8-ch, BNC (2.0 Vp-p, 1 kΩ) | 16-ch, BNC (2.0 Vp-p, 1 kΩ) |
| Voice talk input | 2-ch, BNC(2.0 Vp-p, 1 kΩ) | | |
| Video / Audio output | | | |
| CVBS output | 2-ch, BNC (1.0 Vp-p, 75Ω); resolution: PAL: 704 × 576, NTSC: 704 × 480 | | |
| HDMI output | 1-ch, resolution: 1024 × 768 /60 Hz, 1280 × 1024 /60 Hz, 1920 × 1080 /60 Hz | | |
| VGA output | 1-ch, resolution: 1280 × 1024 /60 Hz, 1024×768 /70 Hz, 1024 × 768/60 Hz, | | |
| Encoding resolution | 4CIF /DCIF /2CIF /CIF /QCIF | | |
| Video loop out | Optional | | |
| Frame rate | 25 fps (P) / 30 fps (N) | | |
| Video bit rate | 32 Kbps-2048 Kbps, or user defined (Max. 6144 Kbps) | | |
| Audio output | 2-ch, BNC (Linear, 600 Ω) | | |
| Audio bit rate | 16 Kbps | | |
| Dual stream | Support | | |
| Stream type | Video/Video & Audio | | |
| Synchronous playback | 4-ch | 8-ch | 16-ch |
| Hard disk | | | |
| SATA | 8 SATA interfaces | | |
| eSATA | 1 eSATA interface | | |
| Capacity | Up to 2TB capacity for each disk | | |
| Disk array | | | |
| Array type | RAID0, RAID1, RAID5, RAID10 | | |
| Number of array | 8 | | |
| Number of virtual disk | 8 | | |
| External interface | | | |
| Network interface | 1, RJ45 10M /100M /1000M adaptive Ethernet | | |
| Serial interface | 1 RS-232 interface (for parameters configuration, maintenance, transparent channel);1 RS-485 interface (for PTZ control);1 RS-485 keyboard interface (for special keyboard control) | | |
| USB interface | 3, USB2.0 | | |
| Alarm in | 16 | | |
| Alarm out | 4 | | |
| General | | | |
| Power supply | 100-240 VAC, 6.3A, 50-60Hz | | |
| Consumption | ≤ 70 W (without hard disk or DVD-R/W) | | |
| Working temperature | -10°C ~ +55°C | | |
| Working humidity | 10% ~ 90% | | |
| Chassis | 19-inch rack-mounted 2U chassis | | |
| Dimensions (W x D x H) | 445 × 470 × 90 mm | | |
| Weight | ≤ 8kg (without hard disk or DVD-R/W) | | |