

# AIRSHIP

## DS-8000HFI-S Series Embedded DVR

## Overview

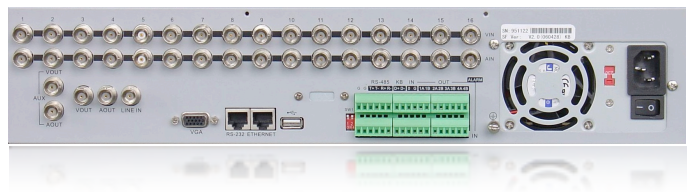
AIRSHIP DVR Client provides complete administrative and operational control of this Embedded DVR.

The DS-8000HFI-S Series is the high-end version of the line of Airship Embedded DVRs, capable of up to 16 channels of 4CIF at real-time frame rates on all channels simultaneously. Using an embedded real time operating system, along with the most advanced H.264 video encoding available compressing analog video, recording video to installed hard drives, and providing network access for live and playback, the DS-8000HFI-S series devices can work standalone or as part of a powerful surveillance network.

Front Panel



Rear Panel (DS-8016HFI-S shown here)



## Basic Functions

In addition to the user friendly AIRSHIP Client features, this Embedded DVR provides the following stand-alone features.

### Recording

- Record to local HDDs or NAS
- Event Based Recording including schedule, manual, motion detection, and external alarm
- Auto-cycle old recordings out, or simply alarm when HDDs are full
- Backup the recorded files and clips with USB DISK, USB HDD, USB CD/DVD-R/W

### Network

- Advanced Network Function: NTP, DDNS and E-mail
- TCP, UDP, RTP, and Multicast for network preview
- Network record live stream.
- Support IE browser preview and configuration
- Network PTZ control
- Support remote log query
- **Complete User and Administrative control via AIRSHIP Client.**

### Preview & Playback

- BNC analog monitor and VGA output
- Multiple preview modes
- Privacy Mask
- View Tampering and Video Signal Loss alert
- Play forward, backward, pause, ff, rw, etc.
- User-defined preview layout
- Multi-channel playback by files or by time
- Display local recording status

### PTZ

- Support for many common PTZ protocols.
- Preset, sequence, and cruise programming.

### Alarms

- Exception alarm, motion detection alarm, external alarm, etc.

# Specifications

Models	DS-8008HFI-S	DS-8016HFI-S
<b>Compression</b>	Video : H.264 + Audio : OggVorbis at 16 kbps	
<b>Stream Type</b>	Video Only or Video & Audio	
<b>Bit Rate</b>	32 Kbps up to 2 Mbps, user-defined	
<b>Frame Rate</b>	1/16 to 30 fps per channel simultaneously	
<b>Direct Connect Live View Resolution</b>	4CIF (PAL: 704*576, NTSC: 704*480)	
<b>Playback resolution</b>	4CIF/DCIF/2CIF/CIF/QCIF up to 30 fps on all channels simultaneously	
<b>Video Input</b>	<b>8</b> BNC (1.0Vp-p, 75Ω)	<b>16</b> BNC (1.0Vp-p, 75Ω)
<b>Audio Input</b>	<b>8</b> BNC (2.0Vp-p, 1kΩ)	<b>16</b> BNC (2.0Vp-p, 1kΩ)
<b>Main Video Output</b>	1 channel, BNC (1.0Vp-p, 75Ω)	
<b>Aux Video Output</b>	1 channel, BNC (1.0Vp-p, 75Ω)	
<b>Main Audio Output</b>	1 channel, BNC (Linear Electrical Level, 600Ω)	
<b>Aux Audio Output</b>	1 channel, BNC (Linear Electrical Level, 600Ω)	
<b>Communication interfaces</b>	1 RJ45 10M/100M Self-adaptive Ethernet Interface 1 RJ45 RS232 interface 1 RS485 (T+, T-, R+, R-) 1 Keyboard interface (D+, D-)	
<b>SATA interface</b>	<b>8</b> SATA HDD connection can support up to 2 TB SATA Hard Drive capacity. OR - replace two SATA HDD with 1 SATA CD-R/W	
<b>eSATA (Optional)</b>	1st internal SATA interface can be extended to eSATA port on rear of unit.	
<b>USB interface</b>	1 USB interface can support USB disk, USB HDD, USB CD-R/W.	
<b>VGA interface</b>	1 VGA interface, supports resolution: 800*600/60Hz, 800*600/75Hz, 1280*1024/60Hz	
<b>External alarm in</b>	<b>16</b>	
<b>Relay output</b>	<b>4</b>	
<b>Power supply</b>	100~240VAC, 6.3A, 50~60HZ	
<b>Power consumption</b>	20~42W (without HDD or DVD-R/W)	
<b>Working Temp</b>	-10°C~+55°C	
<b>Working Humidity</b>	10%~90%	
<b>Size</b>	19" standard (450mm*450mm*95mm)	
<b>Weight</b>	≤8Kg (without HDD or DVD-R/W)	

PAL: 176×144(QCIF), 352×288(CIF), 704×288(2CIF), 528×384(DCIF), 704×576(4CIF);  
 NTSC: 176×120(QCIF), 352×240(CIF), 704×240(2CIF), 528×320(DCIF), 704×480(4CIF).