

## 2.2 Model

### 2.2.1 DS-8000HFI-S Series DVRs

#### Product snapshot

Product type: The 3<sup>rd</sup> generation of Hikvision network DVR, an integration of DVR and DVS

Video compression standard: H.264

Video processing chip: DSP

Typical applications: DVD video quality, audio and video synchronization

#### Order models

DS-8002HFI-S, DS-8004HFI-S, DS-8008HFI-S, DS-8016HFI-S

#### Special Notice:

Each channel supports 4CIF real time encoding, while DCIF, 2CIF, CIF and QCIF real time can also be selected.

Support dual stream.

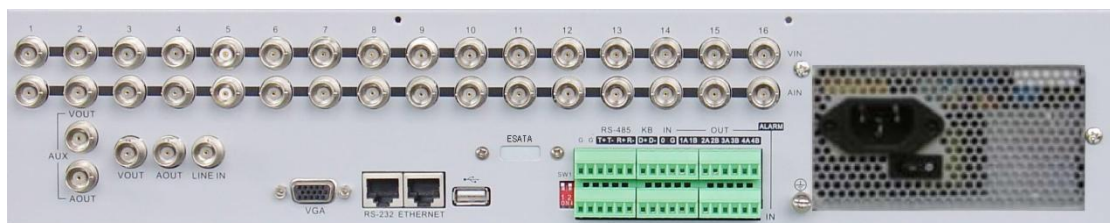
Support both the main and auxiliary video output.

Support SATA hard disk and provide eSATA interface for high-speed backup or external memory.

Alarm interface of 2-ch and 4-ch models: 4 inputs and 2 outputs; for 8-ch and 16-ch models: 16 inputs and 4 outputs.



Front Panel



DS-8016HFI-S Rear Panel

DS-8000HFI-S series DVRs include following models:

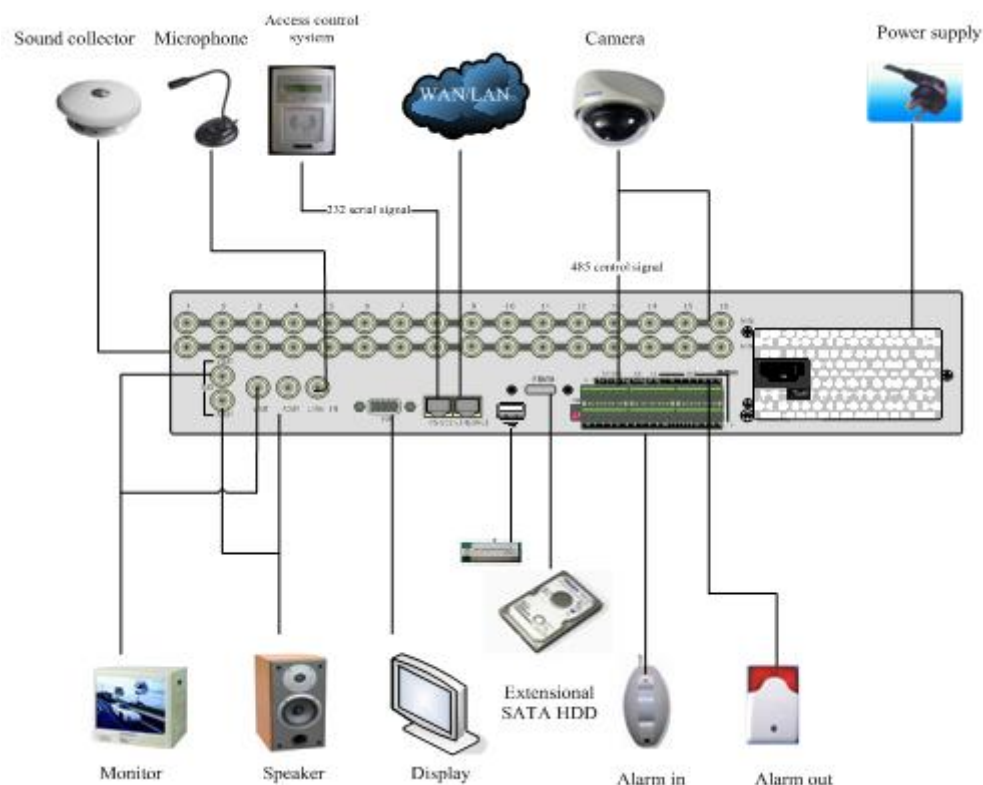
**DS-8002HFI-S:** 2-ch video input and 2-ch audio input. Each channel can max support 4CIF encoding resolution real time. It has 8 SATA interfaces.

**DS-8004HFI-S:** 4-ch video input and 4-ch audio input. Each channel can max support 4CIF encoding resolution real time. It has 8 SATA interfaces.

**DS-8008HFI-S:** 8-ch video input and 8-ch audio input. Each channel can max support 4CIF encoding resolution real time. It has 8 SATA interfaces.

**DS-8016HFI-S:** 16-ch video input and 16-ch audio input. Each channel can max support 4CIF encoding resolution real time. It has 8 SATA interfaces.

## Typical linkage



## Technical specifications

Model	DS-8002HFI-S	DS-8004HFI-S	DS-8008HFI-S	DS-80016HFI-S
Video compression	H.264			
Preview resolution	PAL: 704*576, NTSC: 704*480			
Playback resolution	4CIF/DCIF/2CIF/CIF/QCIF			
Synchronous playback	2-ch			

<b>Video input</b>	2	4	8	16
<b>Video input interface</b>	BNC (1.0Vp-p, 75Ω)			
<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>Frame rate (per channel )</b>	4CIF: 25(P)/30(N) fps			
<b>Stream type</b>	Video/Video&Audio			
<b>Support dual stream</b>	Yes			
<b>Bit rate</b>	32Kbps~2Mbps, or user-defined(Max. 8Mbps)			
<b>Audio input</b>	2	4	8	16
<b>Audio input interface</b>	BNC (2.0Vp-p, 1kΩ)			
<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>Audio compression</b>	OggVorbis, 16Kbps			
<b>Voice talk</b>	1 channel, BNC (2.0Vp-p, 1KΩ)			
<b>Communication interface</b>	1 RJ45 10M/100M Adaptive Ethernet Interface 1 RJ45 RS232 Port			
<b>RS-485 Port</b>	1 Port (T+, T-, R+, R-)			
<b>Keyboard interface</b>	2 RJ45		1 Port (D+, D-)	
<b>SATA interface</b>	8 SATA interfaces, max support 8 SATA hard disks, or 4 SATA hard disks with 1 SATA DVD-R/W. Each hard disk can max support 2000GB			
<b>USB interface</b>	1 USB interface, can support USB disk, USB hard disk, USB DVD-R/W and CD-R/W			
<b>VGA interface</b>	1 VGA interface, support resolution: 800*600/60Hz, 1024*768/60Hz, 1280*1024/60Hz			
<b>Alarm in</b>	4		16	
<b>Alarm out</b>	2		4	
<b>Power supply</b>	100~240VAC, 6.3A, 50~60Hz			
<b>Power consumption</b>	≤70W (without hard disk or DVD-R/W)			

<b>Working temperature</b>	-10°C~+55°C
<b>Working humidity</b>	10%~90%
<b>Chassis</b>	19" standard chassis
<b>Size</b>	470mm(D)*441mm(W)*90mm(H)
<b>Weight</b>	≤8Kg (without hard disk or DVD-R/W)