

2.2.3 DS-8000HTI-S Series DVRs

Product snapshot

Product type: The 3rd 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-8004HTI-S, DS-8008HTI-S, DS-8012HTI-S, DS-8016HTI-S

Special Notice:

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

Support dual stream.

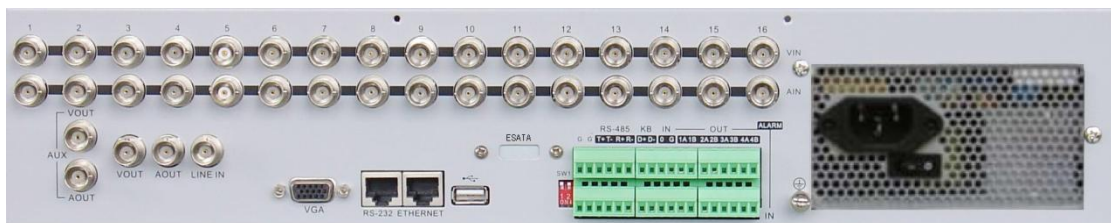
Support both the main and auxiliary video output.

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

Alarm interface of 4-ch models: 4 inputs and 2 outputs; for 8-ch, 12-ch and 16-ch models: 16 inputs and 4 outputs.



Front Panel



Rear Panel of DS-8016HTI-S

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

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

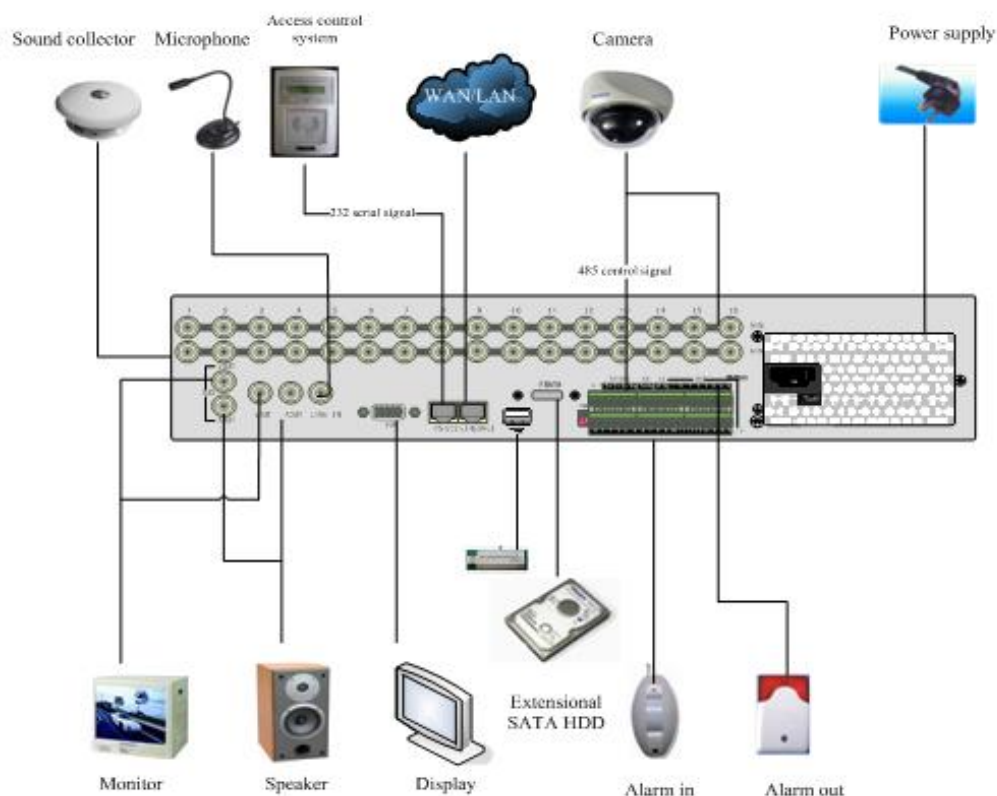
DS-8008HTI-S: 8-ch video input and 8-ch audio input. Each channel can

max support DCIF resolution encoding real time. It has 8 SATA interfaces

DS-8012HTI-S: 12-ch video input and 12-ch audio input. Each channel can max support DCIF encoding resolution real time. It has 8 SATA interfaces

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

Typical linkage



Technical specifications

Model	DS-8004HTI-S	DS-8008HTI-S	DS-8012HTI-S	DS-8016HTI-S
Video compression	H.264			
Preview resolution	PAL: 704*576, NTSC: 704*480			
Playback resolution	4CIF/DCIF/2CIF/CIF/QCIF			
Synchronous playback	2-ch			
Video input	4	8	12	16
Video input interface	BNC (1.0Vp-p, 75Ω)			

Main video output	1 channel, BNC (1.0Vp-p, 75Ω)			
Aux video output	1 channel, BNC (1.0Vp-p, 75Ω)			
Frame rate (per channel)	4CIF: 15fps DCIF: 25(P)/30(N) fps			
Stream type	Video/Video&Audio			
Support dual stream	Yes			
Bit rate	32Kbps~2Mbps, or user-defined(Max. 8Mbps)			
Audio input	4	8	12	16
Audio input interface	BNC (2.0Vp-p, 1kΩ)			
Main audio output	1 channel, BNC (Linear Electrical Level, 600Ω)			
Aux audio output	1 channel, BNC (Linear Electrical Level, 600Ω)			
Audio compression	OggVorbis, 16Kbps			
Voice talk	1 channel, BNC (2.0Vp-p, 1KΩ)			
Communication interface	1 RJ45 10M/100M Adaptive Ethernet Interface 1 RJ45 RS232 Port			
RS-485 Port	1 Port (T+, T-, R+, R-)			
Keyboard interface	1 Port (D+, D-)			
SATA interface	8			
USB interface	1 USB interface, can support USB disk, USB hard disk, USB DVD-R/W and CD-R/W			
VGA interface	1 VGA interface, support resolution: 800*600/60Hz, 1024*768/60Hz, 1280*1024/60Hz			
Alarm in	4	16		
Alarm out	2	4		
Power supply	100~240VAC, 6.3A, 50~60Hz			
Power consumption	≤70W (without hard disk and DVD-R/W)			
Working temperature	-10℃ ~ +55℃			
Working humidity	10% ~ 90%			
Chassis	19" standard chassis			

Size	470mm(D)*441mm(W)*90mm(H)
Weight	≤8Kg (without hard disk and DVD-R/W)