

2.2.4 DS-8000HCI-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: VCD video quality, audio and video synchronization

Order models

DS-8004HCI-S, DS-8008HCI-S, DS-8016HCI-S

Special Notice:

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

Support dual stream.

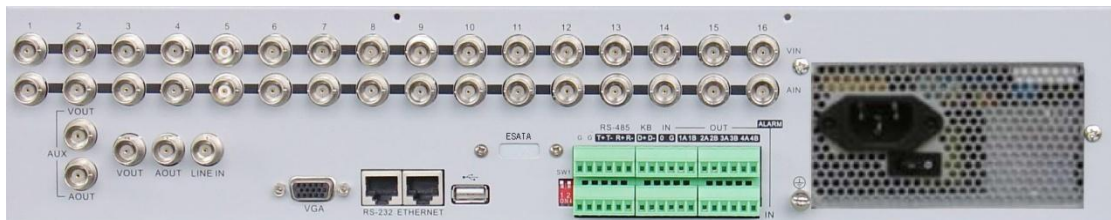
Support both the main and auxiliary video output.

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 and 16-ch models: 16 inputs and 4 outputs.



Front Panel



DS-8016HCI-S Rear Panel

DS-8000HCI-S series DVRs include following model:

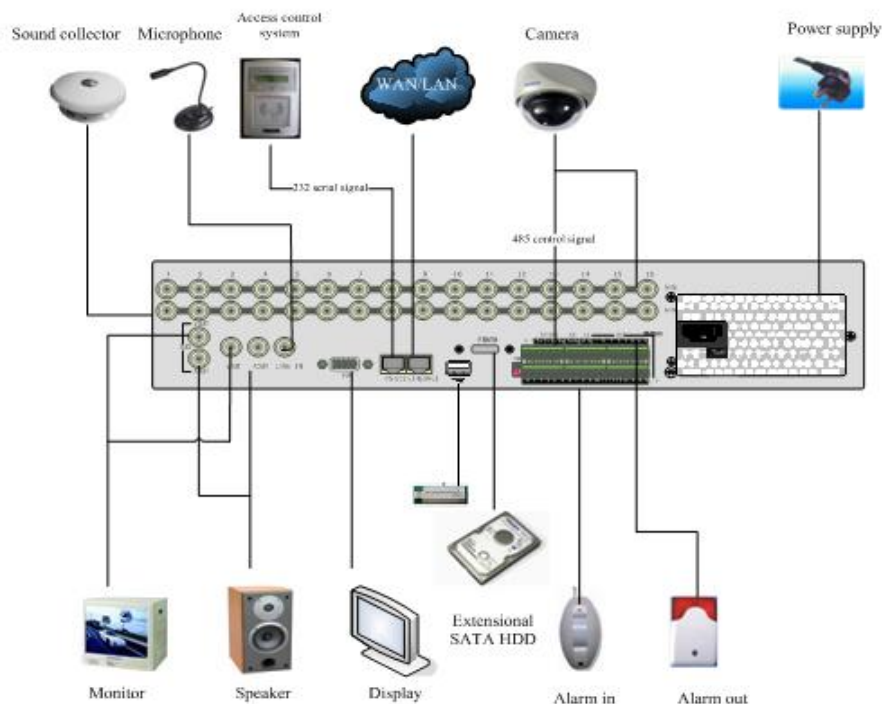
DS-8004HCI-S: 4-ch video input and 4-ch audio input. Each channel can max support CIF encoding resolution real time. It supports 4 SATA interfaces, no

aux video/audio output

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

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

Typical linkage



Technical specifications

Model	DS-8004HCI-S	DS-8008HCI-S	DS-8016HCI-S
Video compression	H.264		
Preview resolution	PAL: 704*576, NTSC: 704*480		
Playback resolution	QCIF/CIF/2CIF/DCIF/4CIF		
Synchronous playback	2-ch	1-ch	
Video input	4	8	16
Video input interface	BNC (1.0Vp-p, 75Ω)		
Main video output	1 channel, BNC (1.0Vp-p, 75Ω)		
Aux video output	No	1 channel, BNC (1.0Vp-p, 75Ω)	
Frame rate (per channel)	4CIF: 6fps DCIF: 8fps 2CIF: 12fps		

	CIF: 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	16
Audio input interface	BNC (2.0Vp-p, 1k Ω)		
Main audio output	1 channel, BNC (Linear Electrical Level, 600 Ω)		
Aux audio output	No	1 channel, BNC (Linear Electrical Level, 600 Ω)	
Audio compression	OggVorbis, 16Kbps		
Voice talk	1 channel, BNC (2.0Vp-p, 1K Ω)		
Communication interface	1 RJ45 10M/100M Adaptive Ethernet Interface 1 RJ45 RS-232 Port		
RS-485 Port	1 Port (T+, T-, R+, R-)		
Keyboard interface	2 RJ45	1 Port (D+, D-)	
SATA interface	4	8	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	\leq 70W (without hard disk and DVD-R/W)		
Working temperature	-10 $^{\circ}$ C ~ +55 $^{\circ}$ C		
Working humidity	10% ~ 90%		
Chassis	19" standard chassis		
Size	470mm(D)*441mm(W)*90mm(H)		
Weight	\leq 8Kg (without hard disk and DVD-R/W)		