

## DS-9104/08HFHI-ST HD-SDI DVR



### Key features

- H.264 video compression
- 1920×1080P resolution real-time recording
- 4/8 HD-SDI interfaces input
- HDMI and VGA output at up to 1920×1080P resolution
- 4/8-ch synchronous playback
- HDD quota and group management
- Dual Gigabit network interfaces

### Rear Panel of DS-9104HFHI-ST



1. HD-SDI interface
2. Video out
3. Audio in
4. Audio out
5. Line in
6. VGA
7. RS-232
8. HDMI
9. e-SATA
10. Network interface
11. RS-485 serial interface, keyboard interface, Alarm in, alarm out
12. Power outlet
13. Switch

	DS-9104HFHI-ST	DS-9108HFHI-ST
<b>Video/Audio input</b>		
Video compression	H.264	
HD-SDI video input	4-ch; HD-SDI interface; (800mVp-p, 75Ω)	8-ch; HD-SDI interface; (800mVp-p, 75Ω)
Supported HD-SDI Camera Types	720P / 25, 720P / 30, 720P / 50, 720P / 60, 1080P / 25, 1080P / 30, 1080P / 50, 1080P / 60,	
Audio compression	OggVorbis	
Audio input	4-ch, RCA (2.0Vp-p, 1kΩ)	8-ch, RCA (2.0Vp-p, 1kΩ)
Two-way audio input	1-ch, RCA (2.0Vp-p, 1kΩ)	
<b>Video/Audio output</b>		
HDMI output	1-ch, resolution: 1920*1080 /60Hz(1080P),1600×1200 /60Hz, 1280*1024 /60Hz, 1280*720 /60Hz, 1024*768 /60Hz	
VGA output	1-ch, resolution: 1920*1080 /60Hz(1080P),1600×1200 /60Hz, 1280*1024 /60Hz, 1280*720 /60Hz, 1024*768 /60Hz	
CVBS output	1-ch, BNC (1.0Vp-p, 75Ω), resolution: PAL: 704×576, NTSC: 704×480	
Audio Output	2-ch, RCA (2.0Vp-p, 600Ω)	
<b>Compression</b>		
Encoding resolution	1920*1080 / 1280*720 / 4CIF / CIF	
Frame rate	1 / 16fps- Real time frame rate	
Video bit rate	32 Kbps-16384 Kbps user defined (Max. 16384 Kbps)	
Audio bit rate	16 Kbps	
Dual stream	Support	
Stream type	Video / Video & Audio	
Synchronous playback	4-ch	8-ch
Playback resolution	1920*1080 / 1280*720 / 4CIF / CIF	
<b>Hard disk</b>		
SATA	8 SATA interfaces for 4 HDDs + 1 DVD-R/W (default), or 8HDDs	
eSATA	1 eSATA interface	
Capacity	Up to 4TB capacity for each disk	
<b>External interface</b>		
Network interface	2, RJ45 10M / 100M / 1000M self-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, USB 2.0	
Alarm in/out	4/2	16/4
<b>General</b>		
Power supply	100 ~ 240 VAC, 6.3A, 50 ~ 60Hz	
Consumption	Max. 40W	Max. 55W
Working temperature	-10 °C ~ +55 °C	
Working humidity	10% ~ 90%	
Chassis	19-inch rack-mounted 2U chassis	
Dimensions(W × D × H)	445 × 470 ×90 mm	
Weight	≤ 8 Kg (17.6 lb) (without hard disk or DVD-R/W)	