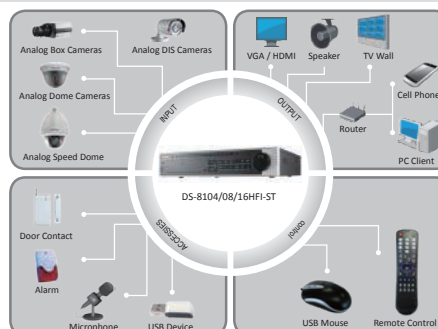


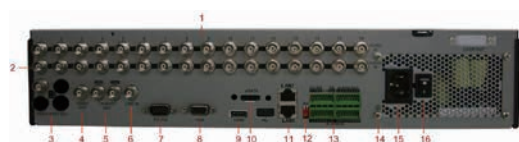
## DS-8104/08/16HFI-ST Standalone DVR



### Key features

- H.264 video compression
- 4CIF resolution real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Dual-stream
- 4/8/16-ch synchronous playback
- HDD quota and group management

### Rear Panel of DS-8116HFI-ST



1. Video in
2. Audio in
3. Video spot out
4. Video out
5. Audio out
6. Line in
7. RS-232 serial interface
8. VGA interface
9. HDMI interface
10. eSATA interface
11. LAN interface
12. Termination switch
13. RS-485 serial interface, keyboard interface, alarm in, alarm out
14. GND
15. 100 ~ 240 VAC power input
16. Power switch

	DS-8104HFI-ST	DS-8108HFI-ST	DS-8116HFI-ST
<b>Video/Audio input</b>			
Video compression	H.264		
Analog video input	4-ch, BNC(1.0Vp-p, 75 Ω), PAL / NTSC self-adaptive	8-ch, BNC(1.0Vp-p, 75 Ω), PAL / NTSC self-adaptive	16-ch, BNC(1.0Vp-p, 75 Ω), PAL / NTSC self-adaptive
Audio compression	OggVorbis		
Audio input	4-ch, BNC (2.0 Vp-p, 1 kΩ)	8-ch, BNC (2.0 Vp-p, 1 kΩ)	16-ch, BNC (2.0 Vp-p, 1 kΩ)
Two-way audio input	1-ch, BNC (2.0 Vp-p, 1 kΩ)		
<b>Video/Audio output</b>			
HDMI output	1-ch, resolution: 1920×1080P /60 Hz, 1920×1080P / 50 Hz, 1600×1200 /60 Hz, 1280×1024 /60 Hz, 1280×720 /60 Hz, 1024×768 /60 Hz,		
VGA output	1-ch, resolution: 1920×1080P /60 Hz, 1600×1200 /60 Hz, 1280×1024 /60 Hz, 1280×720 /60 Hz, 1024×768 /60 Hz,		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704×576, NTSC: 704×480		
Video spot output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704×576, NTSC: 704×480		
Video loop out	Optional		
Encoding resolution	4CIF / 2CIF / CIF / QCIF		
Frame rate	25 fps (P) / 30 fps /N		
Video bit rate	32 Kbps - 8192 Kbps, or user defined (Max. 8192 Kbps)		
Audio output	2-ch, BNC (Linear, 600Ω)		
Audio bit rate	16 Kbps		
Dual-stream	Support		
Stream type	Video, Video & Audio		
Playback resolution	4CIF / 2CIF / CIF / QCIF		
Synchronous playback	4-ch	8-ch	16-ch
<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 interface		
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	2 x USB2.0		
Alarm in/out	4/2	16/4	16/4
<b>General</b>			
Power supply	100 ~ 240 VAC, 6.3A, 50 ~ 60Hz		
Consumption	≤ 35W	≤ 40W	≤ 45W
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	≤ 8kg (without hard disk or DVD-R/W)		