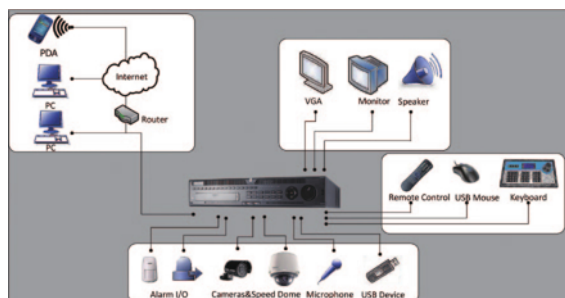


DS-9104/9108/9116HWI-ST Standalone DVR



Key Features

- H.264 video compression
- HDMI and VGA output at 1920×1080P resolution
- HDD quota and group management
- WD1(PAL: 960×576, NTSC: 960×480) resolution real time recording
- Dual gigabit network interfaces
- 4/8/16-ch synchronous playback



Rear Panel of DS-9116HWI-ST



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|----------------------------------|--|
| 1. Video in | 11. HDMI interface |
| 2. Video loop out | 12. eSATA interface |
| 3. Video spot out | 13. LAN1, LAN2 network interface |
| 4. Video out | 14. Termination switch |
| 5. CVBS audio out, VGA audio out | 15. RS-485 serial interface, keyboard Interface, alarm in, alarm out |
| 6. Line in | 16. GND |
| 7. Audio in, RCA connector | 17. 100-240 VAC power input |
| 8. Audio in, DB26 connector | 18. Power switch |
| 9. RS-232 serial interface | |
| 10. VGA interface | |

Specifications

	DS-9104HWI-ST	DS-9108HWI-ST	DS-9116HWI-ST
Video / Audio input			
Video compression	H.264		
Analog video input	4-ch, BNC(1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	8-ch, BNC(1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	16-ch, BNC(1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive
Audio compression	OggVorbis		
Audio input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	8-ch,Audio 1-4: RCA (2.0 Vp-p, 1 kΩ) Audio 5-8: DB26 connector	16-ch,Audio 1-4: RCA (2.0 Vp-p, 1 kΩ) Audio 5-16: DB26 connector
Voice talk input	1-ch, BNC (2.0 Vp-p, 1 kΩ)		
Video / Audio output			
HDMI / VGA output	1-ch, resolution: 1024×768 /60 Hz, 1280×720 /60 Hz,1280×1024 /60 Hz, 1600×1200 /60 Hz,1920×1080 /60 Hz(1080P)		
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	4-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704×576, NTSC: 704×480	4-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704×576, NTSC: 704×480
Video loop out	4-ch	8-ch	16-ch
Encoding resolution	WD1 / 2CIF / CIF / QCIF		
Frame rate	25fps (P) / 30fps (N)		
Video bit rate	32 Kbps-2048 Kbps, or user defined (Max. 8196 Kbps)		
Audio output	2-ch, RCA (2.0 Vp-p, 1 kΩ)		
Audio bit rate	16kbps		
Dual-stream	Support		
Stream type	Video, Video & Audio		
Playback resolution	WD1/ 2CIF / CIF / QCIF		
Synchronous playback	4-ch	8-ch	16-ch
Hard disk			
SATA	8 SATA interfaces		
eSATA	1 eSATA interface		
Capacity	Up to 4TB capacity for each disk		
External interface			
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, USB2.0		
Alarm in	4	16	16
Alarm out	2	4	4
General			
Power supply	100~240 VAC, 6.3A, 50~60Hz		
Consumption	≤ 35W	≤ 40W	≤ 45W
Working temperature	-10°C ~ +55°C (14°F ~ 131°F)		
Working humidity	10% ~ 90%		
Chassis	19-inch rack-mounted 2U chassis		
Dimensions (W x D x H)	445 × 470 × 90 mm		
Weight	≤ 8kg (without hard disk or DVD-R/W)		