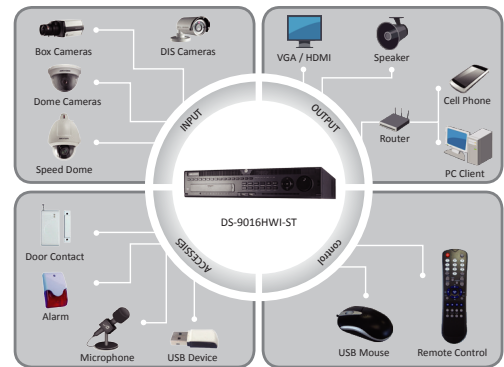


## DS-9016HWI-ST

### 960H Hybrid DVR



#### Key features

- H.264 video compression
- WD1(960 x 480) resolution real-time recording
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- 8/16-ch synchronous playback
- HDD quota and group management
- Dual Gigabit network interfaces
- ONVIF compliant

#### Rear Panel of DS-9016HWI-ST



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

DS-9016HWI-ST	
<b>Video/Audio input</b>	
Video compression	H.264
Analog video input	16-ch, BNC(1.0Vp-p, 75Ω), PAL / NTSC self-adaptive
IP video input	16-ch (up to 32 channels by disabling analog inputs)
Composite video input	Up to 32-ch (Analog video + IP video)
Audio compression	OggVorbis
Audio input	16-ch, Audio 1-4: RCA (2.0Vp-p, 1kΩ) Audio 5-16: DB26 connector
Two-way audio input	1-ch, BNC (2.0Vp-p, 1kΩ)
<b>Video/Audio output</b>	
HDMI output	1-ch, resolution: 1920 × 1080P /60 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
Playback resolution	5MP / 3MP / 1080P / UXGA / 720P / WD1 / 4CIF / VGA / 2CIF / CIF / QCIF
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video spot output	4-ch BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video loop output	16-ch, BNC (1.0 Vp-p, 75 Ω)
Encoding resolution	WD1 / 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, RCA (2.0 Vp-p, 1 kΩ)
Audio bit rate	16 Kbps
Dual-stream	Support, (Sub-stream at CIF / QCIF: 25 fps (P) / 30 fps /N)
Stream type	Video, Video & Audio
Synchronous playback	16-ch
<b>Hard disk</b>	
SATA	8 SATA interfaces (4 SATA with optional DVD/RW)
eSATA	1 eSATA interface
Capacity	Up to 4TB capacity for each disk (32TB max)
<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, USB2.0
Alarm in	16
Alarm out	4
<b>General</b>	
Power supply	100 ~ 240 VAC, 6.3A, 50 ~ 60Hz
Consumption	≤ 70W (without hard disk or DVD-R/W)
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 (17.52" × 18.5" × 3.54")
Weight	≤ 8kg (17.64 lb) (without hard disk or DVD-R/W)