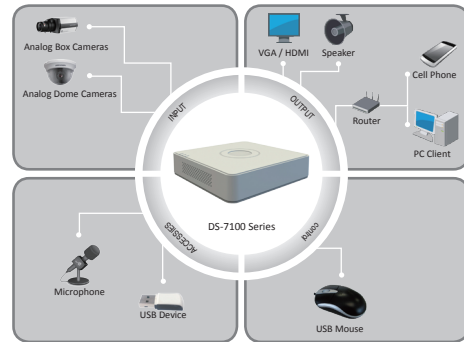


## DS-7104/08/16HWI-SH(-SL)

### 960H Mini DVR



#### Key features

- H.264 & dual-stream video compression
- Up to WD1(PAL:960×576,NTSC:960×480) resolution real-time recording
- Simultaneous VGA and CVBS outputs
- Alarm for video loss, motion detection, tampering and abnormal signal
- Embedded WEB server for remote access
- Mobile view on 3G/Wifi enabled device (iPhone, Android)

#### Rear Panel of DS-7108HWI-SL



1. VIDEO IN
2. VIDEO OUT
3. VGA Interface
4. AUDIO IN, RCA Connector
5. AUDIO OUT, RCA Connector
6. LAN Network Interface
7. USB Interface
8. GND
9. 12VDC

	DS-7104HWI-SL DS-7104HWI-SH	DS-7108HWI-SL DS-7108HWI-SH	DS-7116HWI-SL DS-7116HWI-SH
<b>Video/Audio input</b>			
Video compression	H.264		
Video input	4-ch	8-ch	16-ch
Video input interface	BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive		
Audio compression	G.711u		
Audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ)		
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ)(using Audio In)		
<b>Video/Audio output</b>			
HDMI output (only for "SH" Series)	1-ch, resolution: 1080P: 1920×1080/60Hz,SXGA: 1280×1024/60Hz,720P: 1280×720/60Hz,XGA: 1024×768/60Hz		
VGA output	1-ch, resolution: 1080P: 1920×1080/60Hz,SXGA: 1280×1024/60Hz,720P: 1280×720/60Hz,XGA: 1024×768/60Hz		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
Encoding resolution	WD1/4CIF/2CIF/CIF/QCIF: 25/30fps		
Frame rate	25 fps (P) / 30 fps (N)		
Video bit rate	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)		
Audio output	1-ch, RCA (Linear, 1K Ω)		
Audio bit rate	64 Kbps		
Dual-stream	Support; Sub-stream @ CIF / QCIF		
Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch
<b>Hard disk</b>			
SATA	1 SATA interface		
Capacity	Up to 4TB capacity		
<b>External interface</b>			
Network interface	1, RJ45 10M / 100M Ethernet interface		
USB interface	2 × USB 2.0		
<b>General</b>			
Power supply	12 VDC		
Consumption	≤ 6 W	≤ 8 W	≤ 10 W
Working temperature	-10 °C ~ +55 °C		
Working humidity	10% ~ 90%		
Chassis	1U chassis		
Dimensions (W × D × H)	200 × 200 × 45 mm		285 × 210 × 45 mm
Weight(without hard disk or DVD-RW)	≤ 0.8 kg	≤ 1 kg	≤ 1.5 kg