

## DS-7204/08/16/24HWI-SH Standalone DVR



DS-7204HWI-SH



DS-7208/16/24/32HWI-SH



### Key features

- H.264 video compression
- WD1(960\*576) resolution real-time recording
- HDMI and VGA output at up to 1920x1080P resolution
- Dual-stream
- Up to 4/8/16-ch synchronous playback
- NTP, SMTP, NFS, UPnP and iSCSI protocols

### Rear Panel of DS-7204HWI-SH



1. Video in
2. Video out
3. USB interface
4. HDMI interface
5. VGA interface
6. Audio in, RCA connector
7. Audio out, RCA connector
8. LAN network interface
9. RS-485 serial interface
10. 12VDC power input
11. Power switch
12. GND

	DS-7204HWI-SH	DS-7208HWI-SH	DS-7216HWI-SH	DS-7224HWI-SH
<b>Video/Audio input</b>				
Video compression	H.264			
Video input	4-ch	8-ch	16-ch	24-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)			4-ch, RCA (2.0 Vp-p, 1 kΩ)
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ) (using the audio input)			
<b>Video/Audio output</b>				
HDMI / 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			
Video loop out (optional)	4-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 ~ 2048 Kbps, or user defined (Max. 3072 Kbps)			
Audio output	1-ch, RCA (Linear, 1 kΩ)			
Audio bit rate	64 Kbps			
Dual-stream	Support; Sub-stream: CIF / QCIF @ 25 fps (P) / 30 fps (N)			
Stream type	Video, Video & Audio			
Synchronous playback	4-ch	8-ch	16-ch	
<b>Hard disk</b>				
SATA	1 SATA interface	2 SATA interfaces		
Capacity	Up to 4TB capacity			
<b>External interface</b>				
Network interface	1, RJ45 10M / 100M Ethernet interface			
Serial interface	1 RS-485 interface, half-duplex			
USB interface	2 × USB 2.0			
Alarm in/out	Optional			4/1
<b>General</b>				
Power supply	12 VDC			
Consumption	≤ 10 W	≤ 15 W	≤ 20 W	≤ 25 W
Working temperature	-10 °C ~ +55 °C			
Working humidity	10% ~ 90%			
Chassis	Standalone 1U chassis	19-inch rack-mounted 1U chassis		
Dimensions (W × D × H)	315 × 242 × 45 mm	445 × 290 × 45 mm		
Weight	≤ 2 kg	≤ 4 kg		