

DS-7100HWI-SH Series DVR

Introduction:

DS-7100HWI-SH series DVR (Digital Video Recorder) is a new generation recorder developed by Hikvision independently which can connect analog cameras and provide powerful surveillance.

Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology and network technology. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

Available Models:

DS-7104HWI-SH, DS-7108HWI-SH, DS-7116HWI-SH

Main Features:

- Main stream supports up to WD1 resolution in real time and sub stream supports CIF/QCIF resolution.
- Simultaneous HDMI/VGA and CVBS outputs.
- HDMI/VGA output at up to 1920×1080P resolution.
- Channel-zero encoding.
- Support dual stream.
- HDD quota management; different capacity can be assigned to different channel.
- Holiday recording schedule configuration.
- Smart searching for the event triggered record files.
- Digital zoom of video in live view or playback mode.
- Up to 4/8/16-ch synchronous playback.
- 1 self-adaptive 10M/100Mbps network interface.
- Support P2P protocol and access by ezviz.
- IPv6 is supported.
- Network detection function.
- NTP, SMTP, UPnP™ protocols supported.



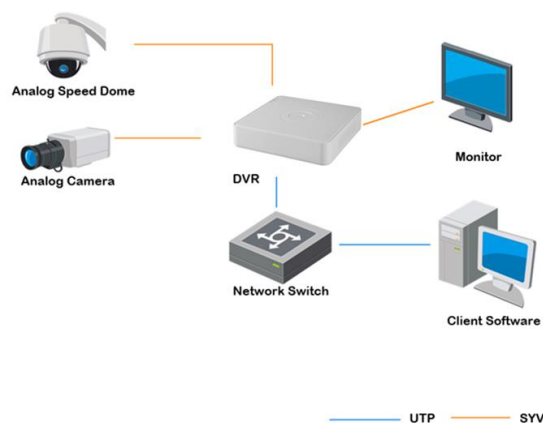
Physical Interfaces:

DS-7100HWI-SH



- ① VIDEO IN
- ② VIDEO OUT
- ③ HDMI interface
- ④ VGA Interface
- ⑤ AUDIO IN, RCA Connector
- ⑥ AUDIO OUT, RCA Connector
- ⑦ LAN Network Interface
- ⑧ USB Interface
- ⑨ GND
- ⑩ 12VDC Power Input

Typical Application:



Specifications

Model		DS-7104HWI-SH	DS-7108HWI-SH	DS-7116HWI-SH
Video/Audio input	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 the audio input)		
Video/Audio output	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		
	Encoding resolution	WD1/4CIF/2CIF/CIF/QCIF		
	Frame rate	25 fps (P) / 30 fps (N)		
	Video bitrate	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)		
	Audio output	1-ch, RCA (Linear, 1 kΩ)		
	Audio bitrate	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
Hard disk	SATA	1 SATA interface		
	Capacity	Up to 4TB capacity		
External interface	Network interface	1, RJ45 10M / 100M Ethernet interface		
	USB interface	2, USB 2.0		
General	Power supply	12 VDC		
	Consumption (without hard disk or DVD-R/W)	≤ 6 W	≤ 8 W	≤ 10 W
	Working temperature	-10 ℃ ~+55 ℃		
	Working humidity	10% ~ 90%		
	Dimensions (W × D × H)	200 × 200 × 45 mm	200 × 200 × 45 mm	285 × 210 × 45 mm
	Weight (without hard disk or DVD-R/W)	≤ 0.8 kg	≤ 1 kg	≤ 1.5 kg