

DS-7224HWI-E2 Series Smart DVR

Introduction:

DS-7224HWI-E2 series Smart 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, VCA 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-7224HWI-E2

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.
- Video quality diagnostics.
- VCA detection alarm (line crossing detection and intrusion detection) is supported.
- 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 16-ch synchronous playback.
- 2 HDDs can be connected.
- 1 self-adaptive 10M/100M /1000M network interface.
- IPv6 is supported.
- Network detection function.
- NTP, SMTP, NFS, UPnP™ and iSCSI protocols supported.



Physical Interfaces:

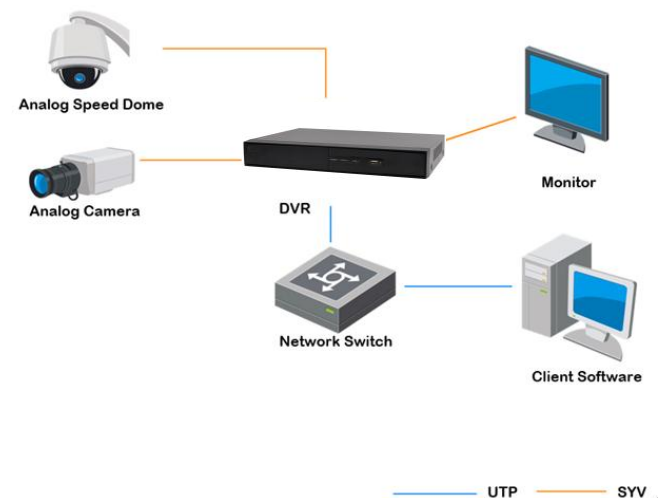
DS-7224HWI-E2



Note: The rear panel of DS-7224HWI-SH provides 24 video input interfaces.

- ① VIDEO IN
- ② VIDEO OUT
- ③ USB Interface
- ④ HDMI Interface
- ⑤ ALARM IN/OUT
- ⑥ VGA Interface
- ⑦ AUDIO IN, RCA Connector
- ⑧ AUDIO OUT, RCA Connector
- ⑨ LAN Network Interface
- ⑩ RS-485 Serial Interface
- ⑪ 12VDC Power Input
- ⑫ Power Switch
- ⑬ GND

Typical Application:



Specifications

Model		DS-7224HWI-E2
Video/Audio input	Video compression	H.264
	Video input	24-ch
	Video input interface	BNC (1.0 Vp-p, 75 Ω), PAL /NTSC self-adaptive
	Audio compression	G.711u
	Audio input	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)
Video/Audio output	HDMI/VGA output	1-ch, resolution: 1080P: 1920×1080P/60 Hz, SXGA: 1280×1024/60 Hz, 720P, 1280×720/60 Hz, XGA: 1024×768/60 Hz
	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 bit rate	32 Kbps ~ 3072 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
	Stream type	Video, Video & Audio
	Synchronous playback	16-ch
Hard disk	SATA	2 SATA interface
	Capacity	Up to 4TB capacity for each disk
External interface	Network interface	1, RJ45 10M /100M /1000M Ethernet interface
	Serial interface	1 RS-485 interface, half-duplex
	USB interface	2, USB 2.0
	Alarm in	4
	Alarm out	1
General	Power supply	12 VDC
	Consumption (without hard disk or DVD-R/W)	≤ 25 W
	Working temperature	-10 ℃ ~+55 ℃
	Working humidity	10% ~ 90%
	Chassis	19-inch rack-mounted 1U chassis
	Dimensions (W × D × H)	445 × 290 × 45 mm
	Weight (without hard disk or DVD-R/W)	≤ 4 kg