

DS-7204HI/HI-V Net DVR

HIKVISION DS-7204HI/HI-V network digital video recorder is new generation excellent digital surveillance product. It uses Embedded Linux OS and the latest TI DaVinci DSP. It supports both features of digital video recorder (DVR) and digital video server (DVS). It can work stand alone or be used to build a powerful network, widely used in surveillance fields.



DS-7204HI/HI-V Front Panel



DS-7204HI Rear Panel



DS-7204HI-V Rear Panel

Model name

DS-7204HI: 4-ch video input and 1-ch audio input. No VGA output. It can support CIF resolution real time compression.

DS-7204HI-V: 4-ch video input and 1-ch audio input. One VGA output. It can support CIF resolution real time compression.

Note: The defaulted DVRs are without HDD.

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Features

Main features:

- Embedded Linux OS
- DaVinci DSP hardware compression

Compression function:

H.264 video compression algorithm and each channel can be real time (PAL is 25FPS and NTSC is 30FPS).

- Support multi-zone motion detection.
- Support mask function to mask sensitive area.
- Support view tampering alarm function for spiteful camera block.
- Support video signal loss alarm function.
- Support position configurable OSD&LOGO.
- Support both constant bit rate and variable frame rate.

Support dual stream and the sub stream can support CIF/QCIF compression resolution.

Storage function:

- 1 IDE interface for 1 HDD. The HDD can be supported 2000GB maximum.
- Support HDD S.M.A.R.T function.
- Support FAT32 file system.
- Support many record mode: all time record, motion detect record, external alarm record, motion & alarm record, motion | alarm record, manual record.
- Support cycle and non-cycle record mode.
- Support USB flash disk, USB hard disk and USB CD/DVD for backup.

Preview & Playback function:

- Support one composite video output and one spot video output
- DS-7204HI-V can support one VGA output.
- Support playback fast, slow, pause, forward, backward, frame by frame, etc.
- Use define preview layout.
- Support one channel playback

Network function:

- Support TCP, UTP, RTP, Multicast, DHCP, etc.
- Support ADSL (PPPoE) dialup function.
- Remote parameters setup.
- Remote playback, download the recorded files in DVR.
- Remote upgrade DVR firmware.
- Remote control PTZ.
- Support Internet Explore for network control
- Remote get alarm information of DVR.

Others:

- Support network voice talk.
- Support PTZ local and remote control.
- Support multi-lever user management.
- Support local and remote search log function.
- Automatically recovery from exceptions leads to high reliable.
- Provide SDK and demo source code to shorten the application development time.

Note: DS-7204HI (HI-V) series net DVR does not support Hikvision keyboard connection.

Specification

Model Name	DS-7204HI	DS-7204HI-V
Video compression	H.264	
Preview resolution	PAL: 704*576 (4CIF), NTSC: 704*480 (4CIF)	
Playback resolution	PAL: 352*288 (CIF), NTSC: 352*240 (CIF)	
Video input	4-ch BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)	
Composite video output	1-ch, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)	
Spot video Output	1-ch, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)	
Max frame rate	PAL: 25FPS, NTSC: 30FPS	
Audio compression	OggVorbis 16Kbps	
Audio input	1-ch RCA (Electrical Level: 2.0Vp-p, Resistance: 1000Ω)	
Audio output	1-ch RCA (Linear Electrical Level, Resistance: 600Ω)	
Stream type	Video/Video&Audio	
Max bit rate	32Kbps--2Mbps, self-define	
HDD IDE interface	1 IDE interface, support 1 IDE HDD (2000GB maximum)	
Network interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface	
USB interface	1 USB2.0, can support USB memory/HDD, USB CD/DVD writer	
VGA interface	No	1 VGA interface, support resolution: 800×600/60Hz, 1024×768/60Hz, 1280 ×1024/60Hz
External alarm in	4	
Relay output	1	
PTZ control	T+, T-, R+, R-	
Voice talk	Same as audio input and audio output	
Dual stream	Yes	
Power supply	DC 12V	
Power consumption	Less than 10W (without HDD)	
Working temperature	-10°C -- +55°C	
Working humidity	10%--90%	
Size	315mm x 230mm x 45mm	

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