

DS-7204HI/HI-V Net DVR

The DVRSYSTEMS 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 the digital video recorder (DVR) and digital video server (DVS). It can work as a stand alone or to build a powerful network, and is widely used in the surveillance field.



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.

Features

Main features:

- Embedded Linux OS
- DaVinci DSP hardware compression

Compression function:

- H.264 video compression algorithm and each channel is real time
- Supports multi-zone motion detection.
- Supports mask function to mask sensitive area.
- Supports view tampering alarm function for spiteful camera block.
- Supports video signal loss alarm function.
- Supports position configurable OSD & LOGO.
- Supports both constant bit rate and variable frame rate.

Storage function:

- 1 IDE interface for 1 HDD. The HDD can be supported 2000GB maximum. Supports HDD S.M.A.R.T function.
- Supports FAT32 file system.
- Supports many record mode: all time record, motion detect record, external alarm record, motion & alarm record, motion | alarm record, manual record.
- Supports cycle and non-cycle record mode.
- Supports 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.
- Supports playback fast, slow, pause, forward, backward, frame by frame, etc. User definable preview layout.
- Support one channel playback

Network function:

Supports TCP, UTP, RTP, Multicast, DHCP, etc.

Supports ADSL (PPPoE) and dialup function.

Remote parameters setup.

Remote playback

Others:

Supports network voice talk.

Supports PTZ local and remote control.

Supports multi-level user management.

Supports local and remote search log function.

Automatically recovery from exceptions leads to high reliable.

Specifications

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	