

DS-7000HI Series Net DVR

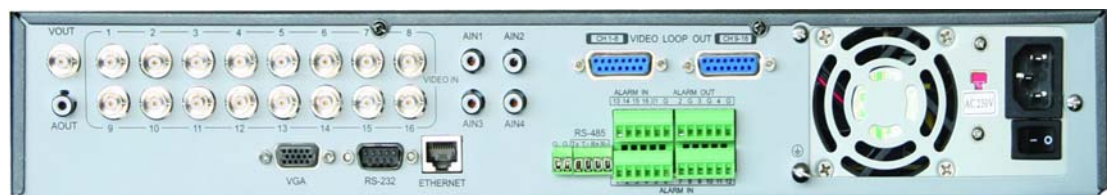
HIKVISION DS-7000HI series network digital video recorder is the 3rd generation excellent digital surveillance product. It uses the Real Time OS and embedded MCU. It supports both features of digital video recorder (DVR) and digital video server (DVS). It can work stand-alone or be used to build a powerful network, widely used in surveillance fields.



DS-7000HI Front Panel



DS-7004HI Rear Panel



DS-7016HI Rear Panel

Model name:

DS-7004HI: 4-ch video input and 4-ch video loop output, 4-ch audio input. It supports QCIF/CIF real time, and 2CIF/DCIF/4CIF not real time.

DS-7008HI: 8-ch video input and 8-ch video loop output, **no audio input**. It supports QCIF/CIF real time, and 2CIF not real time.

DS-7016HI: 16-ch video input and 16-ch video loop output, 4-ch audio input. It supports QCIF/CIF real time, and 2CIF not real time.

Note: The defaulted DVRs are without HDD and CD-R/W.

Features:

Main features:

- Real Time OS.
- Embedded MCU.
- High performance DSP hardware compression.

Compression function:

- H.264 video compression algorithm.
- For DS-7004HI, Total frame is 100/120FPS (PAL/NTSC) at CIF resolution. 60/64 FPS (PAL/NTSC) at 2CIF resolution. 48/52 FPS (PAL/NTSC) at DCIF resolution. 32/36 FPS (PAL/NTSC) at 4CIF resolution.
- For DS-7008HI, total frame is 200FPS (PAL) or 240FPS (NTSC) at CIF resolution. 64/72 FPS (PAL/NTSC) at 2CIF resolution.
- For DS-7016HI, total frame is 400FPS (PAL) or 480FPS (NTSC) at CIF resolution. 128/144 FPS (PAL/NTSC) at 2CIF resolution.
- 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.

Storage function:

- For DS-7000HI, support 4 HDD or 2 HDD and 1 IDE CD-RW/DVD-RW, and each HDD can maximum support 2000GB.
- Support HDD sleep mode.
- 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-RW/DVD-RW for backup.

Preview & Playback function:

- Support monitor video output.
- Support 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.
- Support narrow band (PSTN) 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 preview.
- Remote get alarm information of DVR.

Others:

- 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-7000 HI series Net DVR does not support Hikvision keyboard connection.

Specification:

Model name	DS-7004HI	DS-7008HI	DS-7016HI
Video compression	H.264		
Preview resolution	PAL: 704*576 (4CIF), NTSC: 704*480 (4CIF)		
Playback resolution	2CIF/CIF/QCIF		
Video input	4	8	16
Video input interface	BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)		
Video output	1 channel, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)		
Video loop out	4	8	16
Total frame rate (PAL/NTSC)	QCIF/CIF real time 2CIF 15/16 FPS per channel DCIF 12/13 FPS per channel 4CIF 8/9 FPS per channel	QCIF/CIF real time 2CIF 8/9 FPS per channel	
Stream type	Video/Video&Audio	Video	Video/Video&Audio
Max bit rate	32Kbps--2Mbps, self-define		
Audio input	4	--	4
Audio input interface	RCA (Linear Electrical Level, Resistance: 600Ω)	--	RCA (Linear Electrical Level, Resistance: 600Ω)
Audio output	1 channel, RCA (Linear Electrical Level, Resistance: 600 Ω)	--	1 channel, RCA (Linear Electrical Level, Resistance: 600 Ω)
Audio compression	OggVorbis	--	OggVorbis
Audio compression rate	16Kbps	--	16Kbps
Communication interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface 1 RS232 interface 1 RS485 interface		
HDD IDE interface	2 IDE interface, can support 4 IDE HDD and each HDD can support 2000GB or 2 HDD + IDE CD-RW/DVD-RW		
USB interface	1 USB interface, USB1.1, can support USB flash memory, USB HDD, USB CD-RW/DVD-RW.		

VGA interface	1 VGA interface, support resolution: 800×600/60Hz, 800×600/75Hz, 1024×768/60Hz		
External alarm in	4	8	16
Relay output	2	4	4
Power supply	100~240VAC, 6.3A, 50~60 HZ		
Power consumption	20~42W (without HDD)		
Working temperature	-10°C~+55°C		
Working humidity	10%~90%		
Size	14.25 inch standard (440mm*390mm*70mm)		
Weight	≤8Kg (without HDD and CD-R/W)		