

HIKVISION™ Stand Alone DVR DS-8000HFI-S Series

PRODUCT SNAPSHOT

- **Product Type:** The 3rd generation of HikVision DVR, an integration of DVR and DVS-recorder and or server.
- **Video Compressions Standard:** H.264
- **Video Processing Chip:** Texas Instruments "Da Vinci" DSP technology.
- **Typical Features:** DVD video quality (4CIF@2Mbps), audio and video synchronisation, support SATA HDD, SATA CD/DVD-RW and eSATA (back-up), supplied with 1 x SATA 1000GB HDD

MODEL NAME



DS-8008HFI-S

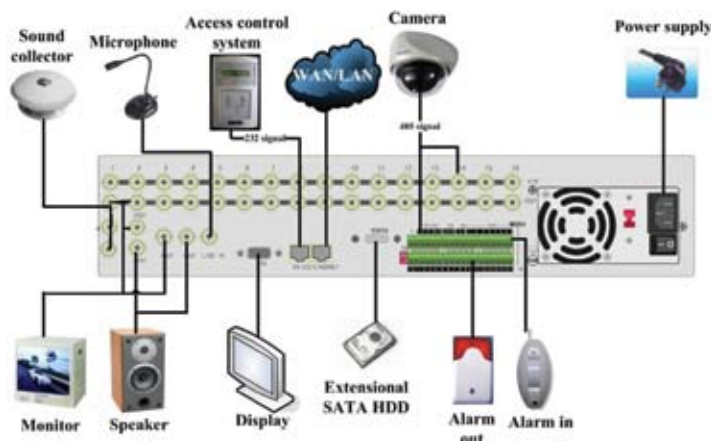


DS-8016HFI-S

PRODUCT FEATURES

- **DS-8008HFI-S:** 8 Ch Video with Looping Inputs and 2 Ch Audio Inputs.
- **DS-8016HFI-S:** 16 Ch Video with Looping Inputs and 2 Ch Audio Inputs.
- Each Video Channel supports 4CIF, DCIF, 2CIF, CIF & QCIF Resolution Recording at 25 Frames Per Second.
- Multi-Mode Record options with variable Frame Rates, Resolution, Image Quality, and Bit Rates.
- RTOS (Real Time Operating System) and embedded MCU (Micro Controller Unit).
- 8 SATA Interfaces enables up to 8 Internal Hard Drives (2000GB each) Total capacity 16TB on-board.
- Archiving/Back-Up facilities using USB, eSATA external HDD, DVD/RW or internal DVD/RW (optional).
- Supports both MAIN & AUX/SPOT Monitor Outputs including Search, Sequential Switching, Alarm Pop-Up and Multi-View Displays.
- Built-In Web Browser and Free HikVision Remote Software.
- Multi-Area Motion Detection.
- Privacy Masking.
- Camera PTZ Control including Presets and Tours.
- Multiple Recording options including Manual, Motion & Alarm Input.
- Supports HDD S.M.A.R.T technology and HDD Sleep Mode technology.
- DVR/DVS interfaces to ACCESS CONTROL SYSTEMS, third party video management software and HikVision Client Server SW.

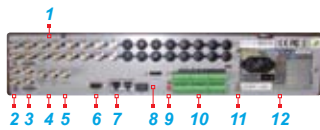
TYPICAL APPLICATION



HARDWARE INTERFACE

DS-8008HFI-S:

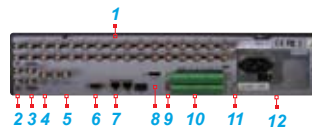
Note: USB interface located at front panel



1. VIDEO IN: Video camera input
LOOP OUT: Video camera looping output
2. AUDIO IN1: Audio Input
AUDIO IN2: Audio Input
3. VIDEO OUT: SPOT monitor video output
AUDIO OUT : SPOT monitor audio output
4. VIDEO OUT: MAIN monitor video output
AUDIO OUT : MAIN monitor audio output
5. LINE IN : Audio input voice talk
6. VGA : MAIN display video output
7. RS-232: serial interface
ETHERNET: network interface
8. eSATA: backup or storage expansion interface
9. SW1:RS-485 impedance match resistor switch
10. RS-485: PTZ interface, KB: Keyboard Interface,
IN: Alarm input, OUT: Alarm output
11. Ground Terminal
12. Power: 100~240VAC, 6.3A, 50~60Hz

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TECHNICAL SPECIFICATIONS

MODEL NAME	DS-8000HFI-S
Video compression standard	H.264(Hardware Texas Instruments Da Vinci DSP Technology)
Preview Resolution	4CIF Real Time (PAL: 704x576)
Recording Resolution	4CIF / DCIF / 2CIF / CIF / QCIF Real Time @ 25 Frames Per Second Per Camera
Video Input	8 / 16 Channels BNC (1.0Vp-p, 75Ω)
Main Video Output	1x BNC (1.0Vp-p, 75Ω) 1x VGA Interface, Supports Resolution 800x600/60Hz, 1024x768/60Hz, 1280x1024/60Hz
AUX (SPOT) Video Output	1x BNC (1.0Vp-p, 75Ω)
Frame Rate Recording Speed	PAL: 1/16~25FPS, per camera
Stream Type	Video / Video & Audio
Max. Bit Rate	32Kbps~2Mbps, adjustable
Audio Input	2 Channels BNC (2.0Vp-p, 1KΩ)
Main Audio Output	1 Channel, BNC (Linear Electrical Level, 600Ω)
AUX (SPOT) Audio Output	1 Channel, BNC (Linear Electrical Level, 600Ω)
Audio Compression	Ogg Vorbis, 16Kbps
Voice Talk	1 Channel, BNC (Linear Electrical Level, 1KΩ)
Communication Interface	1x RJ45 10M/100M Self-Adaptive Ethernet Interface / 1x RJ45 RS232 Port
RS-485 Port	1 Port (T+, T-, R+, R-)
Keyboard Interface	1x Port (D+, D-)
SATA Interface	8x SATA Interface, max support 8x 2000GB HDDS, or 4x HDDs + 1x CD/DVD Writer as default supplied and fitted 1x Seagate SV35 1000GB HDD
USB Interface	1x USB 1.1; Supports USB Flash Disk, USB HDD, USB CD/DVD Writer, USB Mouse
IR Interface	Supports fully functional Infrared remote Control
External Alarm In	16 (NO or NC Dry contact)
Relay Output	4 (NO, switch 30VDC 1AMP Max)
Power Supply	100~240VAC, 6.3A, 50~60Hz
Power Consumption	20~42W (without HDD and CD-R/W)
Working Temperature	-10°C~ +55°C
Working Humidity	10%~90%
Dimensions	19" Standard (450mm x 450mm x 95mm)
Weight	<8kg (without HDD and CD-R/W)