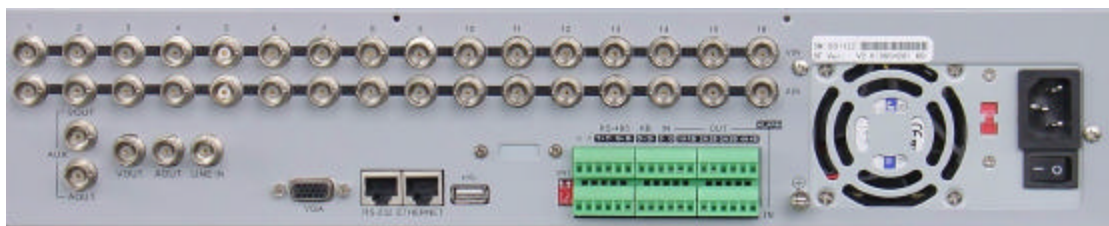




FALCO SK-DVF series network digital video recorder is a new generation excellent digital surveillance product. It uses the Real Time OS and embedded MCU. It has both features of digital video recorder (DVR) and digital video server (DVS). It can work stand-alone or be used to build a powerful network, widely used in surveillance fields.



Front Panel



Rear Panel of SK-DVF16

Model name:

SK-DVF08 and SK-DVF16: Each video input can max support **4CIF (D1)** resolution real time.

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

Main features:

Real Time OS.
Embedded MCU.
High performance 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 variable bit rate and variable frame rate.
Support dual-stream and the sub stream can support CIF/QCIF compression resolution.

Storage function:

8 SATA interface, support 8 SATA HDD and each HDD can max 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-R/W for backup.

Preview & Playback function:

Support one main monitor and VGA.
Support one spot monitor for preview and playback.
Support 2-channel synchronous playback.
Support playback fast, slow, pause, forward, backward, frame by frame, etc.
Use define preview layout.

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 network voice talk.
Support PTZ local and remote control.
Support multi-level 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.

Specification

DS-8000HFI-S	
Video compression	H.264
Preview resolution	4CIF/D1 real time (PAL: 704*576, NTSC: 704*480)
Playback resolution	4CIF/DCIF/2CIF/CIF/QCIF real time
Video input	8/16 channels BNC (1.0Vp-p, 75Ω)
Main video output	1 channel, BNC (1.0Vp-p, 75Ω)
Aux video output	1 channel, BNC (1.0Vp-p, 75Ω)
Frame rate	PAL: 1/16—25FPS, NTSC: 1/16—30FPS
Stream type	Video/ Video&Audio
Max bit rate	32Kbps--2Mbps, self-define
Audio input	8/16 channels BNC (2.0Vp-p, 1kΩ)
Main audio output	1 channel, BNC (Linear Electrical Level, 600Ω)
Aux audio output	1 channel, BNC (Linear Electrical Level, 600Ω)
Audio compression	OggVorbis, 16Kbps
Voice talk	1 channel, BNC (Linear Electrical Level, 1KΩ)
Communication interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface 1 RJ45 RS232 Port
RS-485 Port	1 Port (T+, T-, R+, R-)
Keyboard interface	1 Port (D+, D-)
SATA interface	8 SATA interfaces, max support 8 SATA HDD. Each HDD can max support 2000GB
USB interface	1 USB interface, USB1.1, can support USB flash memory, USB HDD and USB CD-R/W
VGA interface	1 VGA interface, support resolution: 800×600/60Hz, 800×600/75Hz, 1024×768/60Hz
External alarm in	16
Relay output	4
Power supply	100~240VAC, 6.3A, 50~60Hz
Power consumption	20 42W (without HDD and CD-R/W)
Working temperature	-10 -- 55
Working humidity	10 --90
Size	19" Standard (450mm*450mm*95mm)
Weight	8Kg (without HDD and CD-R/W)

Note:

PAL: 176*144(QCIF), 352*288(CIF), 704*288(2CIF), 528*384(DCIF), 704*576(4CIF);
 NTSC: 176*120(QCIF), 352*240(CIF), 704*240(2CIF), 528*320(DCIF), 704*480(4CIF).