



FALCO SK-DVC series network digital video recorder is the 3rd 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 of SK-DVC Series



Rear Panel of SK-DVC16 with 16-ch video loop output and 2-ch audio input

Model name:

SK-DVC08: 8-ch video input and 8-ch audio input. The 1st and 5th video channels can max support 4CIF compression resolution real time, and other video channels can only max support CIF resolution real time.

SK-DVC16 : 16-ch video input and 16-ch audio input. The 1st, 5th, 9th and 13th video channels can max support 4CIF compression resolution real time, and other video channels can only max support CIF 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 constant bit rate and variable frame rate.
- Support dual-stream and the sub stream can support CIF/QCIF compression resolution.

Storage function:

- For DS-8000HCI, support 8 HDD and each HDD can support 2000GB.
- For DS-8000HCI-CDRW, support 4 HDD and each HDD can 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 for backup.
- For DS-8000HCI-CDRW, support IDE CD-RW for backup.

Preview & Playback function:

- Support monitor video output and VGA.
- 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:

Video compression	H.264
Preview resolution	PAL: 704*576(4CIF) NTSC: 704*480(4CIF)
Compress resolution	PAL: 704*576(4CIF) NTSC: 704*480(4CIF) PAL: 528*384(DCIF) NTSC: 528*320(DCIF) PAL: 704*288(2CIF) NTSC: 704*240(2CIF) PAL: 352*288(CIF) NTSC: 352*240(CIF) PAL: 176*144(QCIF) NTSC: 176*120(QCIF)
Video input	8/16 channels BNC (1.0Vp-p, 75Ω)
Monitor video output	1 channel BNC (1.0Vp-p, 75Ω)
Frame rate	PAL: 1/16—25 FPS; NTSC: 1/16—30 FPS
Stream type	Video stream or Video&Audio stream
Bit rate	32kbps 2Mbps (Self definition)
Audio input	8/16 channels BNC (2.0Vp-p, 1KΩ)
Audio output	1 channel BNC (liner output, 600Ω)
Audio compression	OggVorbis, 16kbps
Voice interface	1 BNC (Liner in, 1KΩ)
Communication interface	1 RJ45 10M/100M UTP network port 1 RJ45 RS-232 port 1 RJ45 RS-485 port
Keyboard interface	1 RJ45 port
Device cascade interface	1 RJ45 port
HDD IDE interface	4 IDE interfaces, support 4/8 HDD and each HDD can support 2000GB
USB interface	1 USB, support USB1.1; Support USB flash disk, USB HDD, USB CD-R/W
VGA interface	Support 800×600/60Hz 800×600/75Hz 1024×768/60Hz
External alarm input	SK-DVC08 : 8 input SK-DVC16: 16 input
Relay output	4 output
Power supply	100~240VAC, 6.3A, 50~60Hz
Power consumption	22W ~42W (without HDD and CD-R/W)
Working temperature	-10 -- 55
Working humidity	10%--90%
Size	19 inch standard (450mm*450mm*95mm)
Weight	7.6Kg (without HDD and CD-R/W)