

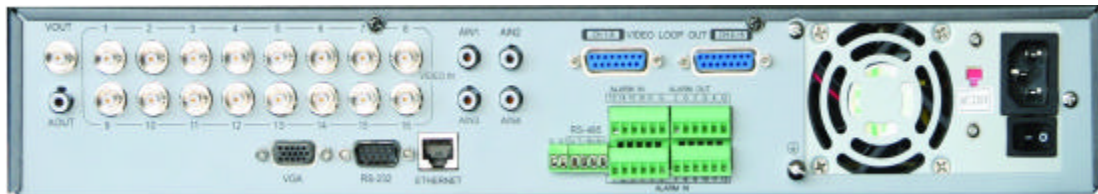


## SK-DVI7000 Series Net DVR

FALCO SK-DVI7000 series network digital video recorder is the 3<sup>d</sup> 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.



SK-DVI7000 Series Front Panel



SK-DVI7016 Rear Panel

### Model name:

**SK-DVI7008:** 8-ch video input and 8-ch video loop output, **no audio input**. Total frame is 200FPS (PAL) or 240FPS (NTSC) at CIF resolution. 60 FPS (PAL) or 72 FPS (NTSC) at 2CIF resolution.

**DS-DVI7016:** 16-ch video input and 16-ch video loop output, 4-ch audio input. Total frame is 400FPS (PAL) or 480FPS (NTSC) at CIF resolution. 120 FPS (PAL) or 144 FPS (NTSC) at 2CIF resolution.

**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.
- For SK-DVI7008, total frame is 200 FPS (PAL) or 240 FPS (NTSC) at CIF resolution, 60FPS (PAL) or 72 FPS (NTSC) at 2CIF resolution.
- For SK-DVI7016, total frame is 400 FPS (PAL) or 480 FPS (NTSC) at CIF resolution, 120 FPS (PAL) or 144 FPS (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 SK-DVI7000, 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-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:

Model name	SK-DVI7008	SK-DVI7016
Video compression	H.264	
Preview resolution	PAL: 704*576 (4CIF), NTSC: 704*480 (4CIF)	
Playback resolution	2CIF/CIF/QCIF	
Video input	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	8	16
Total frame rate	Total frame 200/240fps CIF 60/72 fps 2CIF	Total frame 400/480fps CIF 120/144 fps 2CIF
Stream type	Video	
Max bit rate	32Kbps--2Mbps, self-define	
Audio input	--	4
Audio input interface	--	RCA (Linear Electrical Level, Resistance: 600Ω)
Audio output	--	1 channel, RCA (Linear Electrical Level, Resistance: 600Ω)
Audio compression	--	OggVorbis
Audio compression rate	--	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	8	16
Relay output	4	4
Power supply	100~240VAC, 6.3A, 50~60 HZ	
Power	20--42W (without HDD)	

consumption	
Working temperature	-10 -- 55
Working humidity	10 --90
Size	14.25 inch standard (440mm*390mm*70mm)
Weight	8Kg (without HDD and CD-R/W)

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).