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CH4

Save
Space and Cost
with Built-in Monitor

2009
PSI PREMIER AWARDS
CCTV MANUFACTURER OF THE YEAR
SAMSUNG TECHWIN

SVR-470

4 Channel DVR with LCD Monitor

- Self-contained front LCD for easy monitoring
- H.264 high performance image compression
- 4 channels & 120fps real-time recording
- 320GB high storage capacity

Unrivalled Performance in a Small Package

The Ideal Recording Solution for Small Businesses

Actual Size

Small shops, retail and convenience stores, pharmacies, and gas stations are often without digital CCTV systems due to the high installation cost and space considerations. The SVR-470 is a Digital Video Recorder (DVR) equipped with a built-in 8.89cm (3.5") LCD screen, reducing the need for an extra monitor which requires more money and space. In addition, H.264 image compression and Centralized Management Software (CMS) provided with this DVR offer a full recording solution for small businesses. Providing stable performance and convenient security options at an affordable cost. The SVR-470 is a perfect digital solution to keep your business safe. Its quality is guaranteed.

High Resolution & High Performance 4 Channel DVR SVR-470

The Small Window Takes You to a

The Built-in LCD Offers Convenient Viewing and Playback

3.5" LCD

The SVR-470 is a 4 channel DVR with an 3.5″ LCD monitor that promotes both space and cost efficiencies. It can also be used as a dual display by connecting an extra monitor.

* The actual screen size for 1 channel

8.89cm (3.5″)

SAMSUNG
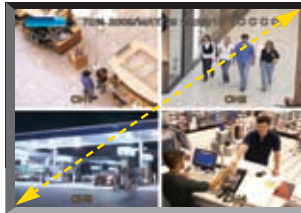
SVR-470

Safe, Convenient Digital World!

H.264 High performance Image Compression

H.264 The SVR-470 employs the H.264 high performance image compression algorithm for excellent image recording quality. Equipped with a default 320GB HDD, it can record at least a month's worth of data without compromising image quality.

Conventional DVR   SVR-480

Excellent Remote Network Transfer

Network Supporting network monitoring options that are especially necessary for small-sized business, this DVR helps you grasp real-time situations of one or more of your stores simultaneously at home or from a remote location.

Internet

Various Digital Features

- **User Friendly GUI**
  - The intuitive GUI enable even beginners in CCTV digital security systems to operate the DVR, search, and record video.
- **Front USB for Convenient Back up**
  - A USB port is located on the front panel for convenient data back up and storage.
- **Remote Controller for Easy Control**
  - The intuitive GUI enable even CCTV digital security systems novices to operate the DVR, search, and record video.

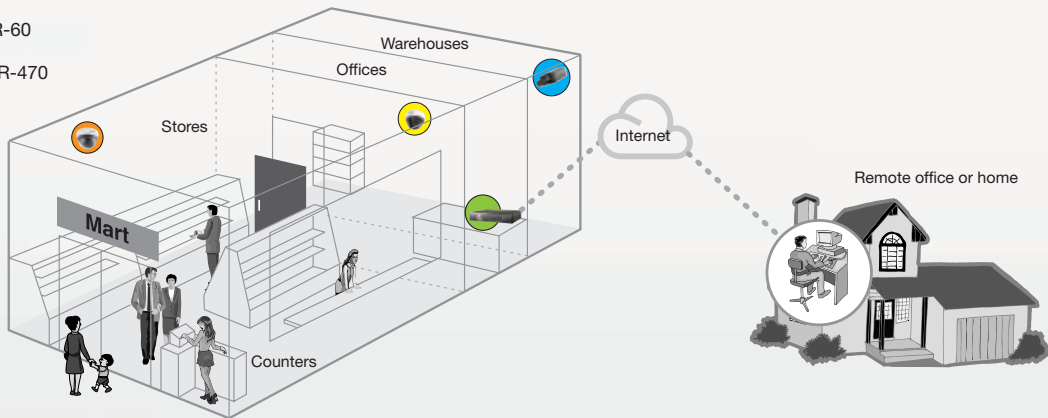# Excellent Recording Performance
with H.264 Compression

Digital CCTV System with High performance Image Compression
### for Efficient Business Management

SVR-470

Ideal Installation Blueprint

Small Stores

- : SDC-435
- : SID-47
- : SIR-60
- : SVR-470

Warehouses

Offices

Stores

Internet

Remote office or home

Mart

Counters

Gas Stations

- : SDC-435
- : SID-47
- : SIR-60
- : SIR-4160
- : SVR-470

Internet

Car Washes   Warehouses

Offices/Counters

Remote office or home

Oil Reservoirs

GAS
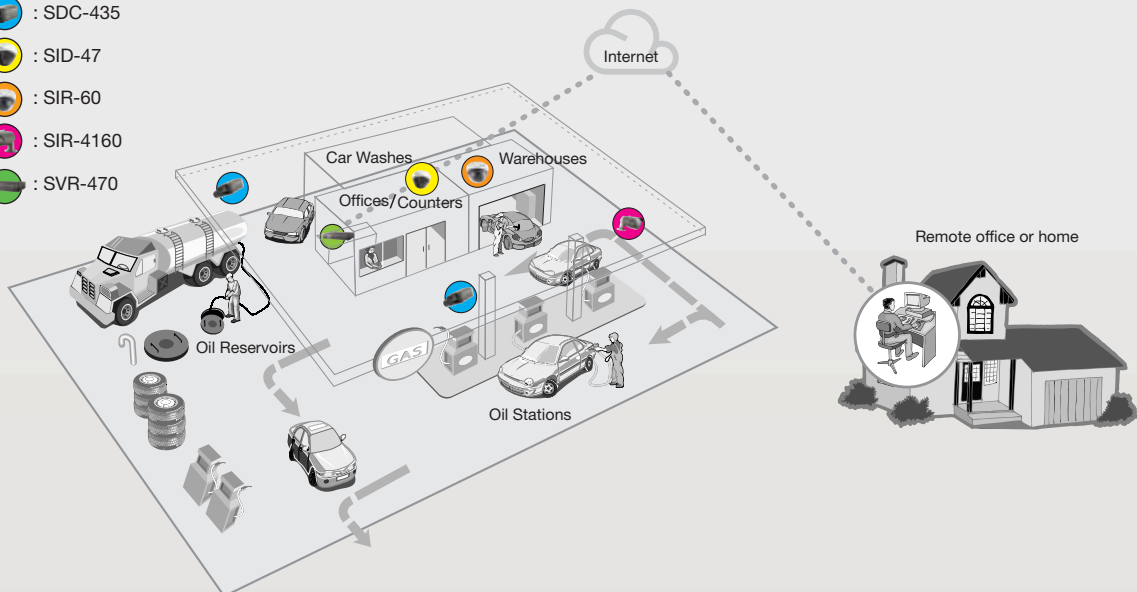
Oil Stations

High-traffic commercial areas such as convenience stores, gas stations, and jewelry shops are vulnerable to crime and accidents. When installed at major points of traffic, digital CCTV systems can contribute not only to prevent theft and accidents but also for post-incident management with digital video records. In addition, you can remotely monitor real-time situations in your store over the Internet from anywhere at anytime.

SID-47 — High Resolution Day & Night Dome Camera

■ **High Resolution**
- Achieves 580TV lines high resolution in color with a high sensitivity CCD and proprietary W-IV 4th generation DSP chipset

■ **High Sensitivity**
- Low light levels of 0.15Lux

■ **High Performance**
- Day & Night
- SSNRII, digital 3D Noise Reduction technology
- Default 3.7mm fixed focal length lens (6mm/8mm compatible)
- HLC/User BLC (Backlight Compensation) & DIS (Digital Image Stabilization) capacities

SDC-435 — High Resolution Day & Night Camera

■ **High Resolution**
- Achieves superior images at 600TVL high resolution with our proprietary W-V 5th generation DSP chipset and image processing technology

■ **High Sensitivity**
- Low light levels of 0.05Lux

■ **High Performance**
- Day & Night
- SSNRIII, Upgraded 2D/3D Noise Reduction technology
- SSDR (Samsung Super Dynamic Range), DIS (Digital Image Stabilization), and Coaxial control
- 16X Digital Zoom, Motion Detection, Privacy Protection

SIR-60 — High Resolution Day & Night IR LED Dome Camera

■ **High Resolution**
- Achieves 580TV lines high resolution in color with a high-sensitivity CCD and proprietary W-IV 4th generation DSP chipset

■ **High Sensitivity**
- High performance LED lamp for low light levels of 0Lux

■ **High Performance**
- Day & Night (ICR) capacity & 4X brighter high performance IR LED
- SSNRII, digital 3D Noise Reduction technology
- HLC/User BLC (Backlight Compensation), Motion Detection, Privacy Protection
- Default 3.6mm fixed focal length lens

SIR-4160 — High Resolution IR LED Camera with Varifocal Lens

■ **High Resolution**
- Achieves 600TVL high resolution day and night with our proprietary W-V 5th generation DSP chipset

■ **High Sensitivity**
- High performance LED lamp for low light levels of 0Lux

■ **High Performance**
- Day & Night (ICR) capacity & 4X brighter high performance IR LED
- SSNRIII, Upgraded 2D/3D Noise Reduction technology
- Default 3.6X Varifocal Lens (2.8 ~ 10mm) & SSDR (Samsung Super Dynamic Range)
- DIS (Digital Image Stabilization) & Coaxial control
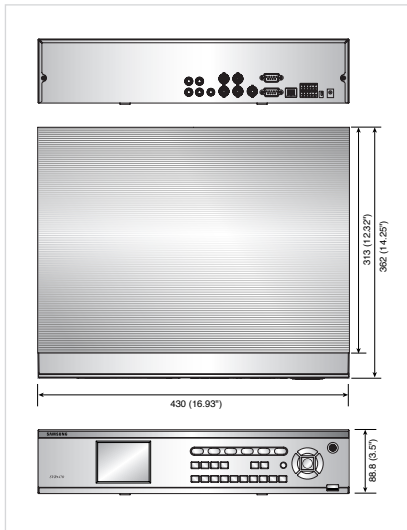
4 Channel DVR with LCD Monitor
SVR-470

| 4CH | H.264 | 120fps(N) 100fps(P) High Resolution | 704x480(N) 704x576(P) | USB | Max.1TB HDD | CMS | 4CH AUDIO | GUI | 3.5" LCD | Network | Remote control | |

Specifications

			SVR-470	
DISPLAY				
Video	Inputs		4 Composite video 1 Vpp, 75 ohm automatic termination	
	Resolution		NTSC : 704 x 480	PAL : 704 x 576
Live	Frame Rate		NTSC : 120fps	PAL : 100fps
	Resolution		NTSC : 704 x 480	PAL : 704 x 576
	Multi Screen Display		1 / 4	
PERFORMANCE				
Recording	Compression		H.264	
	Record Rate		NTSC	PAL
			Up to 30fps@704 x 480 (4CIF)	Up to 25fps@704 x 576 (4CIF)
			Up to 120fps@352 x 240 (CIF)	Up to 100fps@352 x 288 (CIF)
	Mode		Manual, Schedule, Event	
	Overwrite Modes		Continuous	
	Pre-alarm		Up to 3 sec.	
	Post-alarm		Up to 20 sec.	
Search & Playback	Search Mode		Date/Time, Event (Motion, Sensor, TEXT)	
	Playback Function		REW, FWD, Frame advance	
Network	Transmission Speed		Up to 16Mbps	
	Bandwidth Control		N/A	
	Multi Stream		N/A	
	Max. Remote Users		2 Simultaneously	
	Protocol Support		TCP/IP, DHCP, SMTP, DNS, DDNS, PPPoE	
	Monitoring		CMS Software (SVM-S1 to be integrated), Built-in web server	
Storage	Maximum Capacity		Up to 1TB	
	Internal HDD		Up to 1 SATA HDD	
	External HDD		N/A	
	DVD Writer (Back up)		N/A	
	USB (Back up)		1 External USB port	
	File Format (Back up)		AVI, JPEG, Proprietary format	
Security	Password Protection		4 User level	
	Data Authentication		N/A	
INTERFACE				
Monitors	Display LCD		8.89cm (3.5"), QVGA (320 x 240)	
	VGA		Analog RGB 800 x 600 resolution	
	Main Composite		1 BNC, 1 Vp-p, 75 ohm, Multi-screen, Menu, Playback	
	Sub Composite		N/A	
	Loop Outputs		N/A	
Audio	Inputs		4 Line in, 30K ohm	
	Output		1 Line, 100K ohm	
	Compression		PCM	
	Sampling Rate		16KHz	
Alarm	Inputs		Terminal 4 inputs, NO/NC	
	Outputs		Terminal 1 relay outputs	
	Remote Notification		Notification via e-mail	
Connections	Ethernet		RJ-45 10/100 Base-T	
	Serial Interface		RS-232C	
	PTZ Control Interface		RS-485	
	PTZ Keyboard		RS-485, Max. signal voltage ±12V	
	USB		1 USB 2.0 port	
	eSATA		N/A	
Communication Protocols	Application Support		ATM/POS, Remote controller	
	Supported PTZ Cameras		Samsung Techwin, Pelco D, Pelco P, Panasonic, Bosch, SEC, AD	
GENERAL				
Electrical	Input Voltage		12V DC Adapter	
	Power Consumption		Max. 23W (With 1X HDD)	
Environmental	Operating Temperature		+5°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity		0% ~ 60%RH	
Mechanical	Dimensions (WxHxD)		430 x 88.8 x 362mm (16.93" x 3.5" x 14.25")	
	Weight (1X Hard Disks)		Approx. 7.65Kg (16.87 lb)	
	Rack Mount Kit		For mounting one unit in an EIA 19 inch rack	
Language			English, Spanish, French, German, Italian, Polish, Portuguese, Russian, Turkish, Japanese, Czech, Serbian, Swedish, Rumanian, Danish, Korean	
Certifications			FCC (Class A), CE (Class A)	

Dimensions

Unit : mm (inch)

313 (12.32")
362 (14.25")
430 (16.93")
88.8 (3.5")

Rear panel

Design and specifications are subject to change without notice.

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