

4 Channel DVR with LCD Monitor

SVR-470



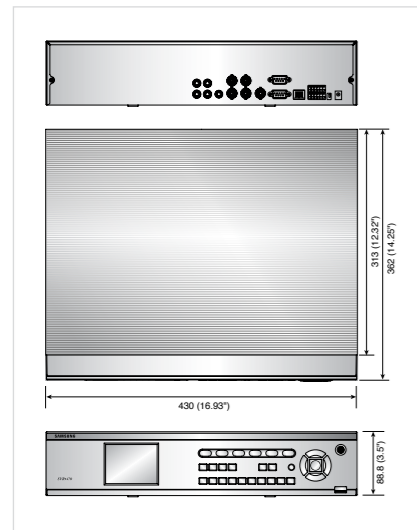
Specifications

		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	Up to 30fps@704 x 480 (4CIF)	PAL Up to 25fps@704 x 576 (4CIF)
	Mode	Up to 120fps@352 x 240 (CIF)	Up to 100fps@352 x 288 (CIF)
	Overwrite Modes	Manual, Schedule, Event	
Search & Playback	Post-alarm	Continuous	
	Search Mode	Up to 3 sec.	
	Playback Function	Up to 20 sec.	
Network	Search Mode	Date/Time, Event (Motion, Sensor, TEXT)	
	Transmission Speed	REW, FWD, Frame advance	
	Bandwidth Control	Up to 16Mbps	
	Multi Stream	N/A	
Storage	Max. Remote Users	4 Simultaneously	
	Protocol Support	TCP/IP, DHCP, SMTP, DNS, DDNS, PPPoE	
	Monitoring	CMS Software (SVM-S1, SNM-128S/P), Built-in web server	
	Maximum Capacity	Up to 1TB	
	Internal HDD	Up to 1 SATA HDD	
	External HDD	N/A	
Security	DVD Writer (Back up)	N/A	
	USB (Back up)	1 External USB port	
	File Format (Back up)	AVI, JPEG, Proprietary format	
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	
Audio	Loop Outputs	N/A	
	Inputs	4 Line in, 30K ohm	
	Output	1 Line, 100K ohm	
Alarm	Compression	PCM	
	Sampling Rate	16KHz	
	Inputs	Terminal 4 inputs, NO/NC	
	Outputs	Terminal 1 relay outputs	
Connections	Remote Notification	Notification via e-mail	
	Ethernet	RJ-45 10/100 Base-T	
	Serial Interface	RS-232C	
	PTZ Control Interface	RS-485	
Communication Protocols	PTZ Keyboard	RS-485, Max. signal voltage ±12V	
	USB	1 USB 2.0 port	
	eSATA	N/A	
	Application Support	ATM/POS, Remote controller	
GENERAL			
Electrical	Input Voltage	12V DC Adapter	
Environmental	Power Consumption	Max. 23W (With 1X HDD)	
	Operating Temperature	+5°C ~ +40°C (+32°F ~ +104°F)	
Mechanical	Operating Humidity	0% ~ 60%RH	
	Dimensions (WxHxD)	430 x 88.8 x 362mm (16.93" x 3.5" x 14.25")	
Language	Weight (1X Hard Disks)	Approx. 7.65Kg (16.87 lb)	
	Rack Mount Kit	For mounting one unit in an EIA 19 inch rack	
Certifications	English, Spanish, French, German, Italian, Polish, Portuguese, Russian, Turkish, Japanese, Czech, Serbian, Swedish, Rumanian, Danish, Korean		
	Supported PTZ Cameras: Samsung Techwin, Pelco D, Pelco P, Panasonic, Bosch, SEC, AD		
FCC (Class A), CE (Class A)			



Dimensions

Unit : mm (inch)



Rear panel



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.

DISTRIBUTED BY



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SAMSUNG TECHWIN



Save Space and Cost
with Built-in Monitor



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



9-2009

www.samsungcctv.com

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 Safe, Convenient Digital World!



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.



8.89cm (3.5")

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.



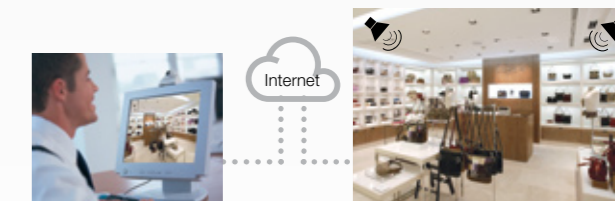
Conventional DVR

SVR-480

Excellent Remote Network Transfer



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.



SVM-S1 Centralized Management Software



As CMS software for our network products, SVM-S1 helps you establish an effective network management system with convenient visual monitoring options including PTZ controls, various events and alerts, and two-way audio capacity.



Playback

MAP

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.








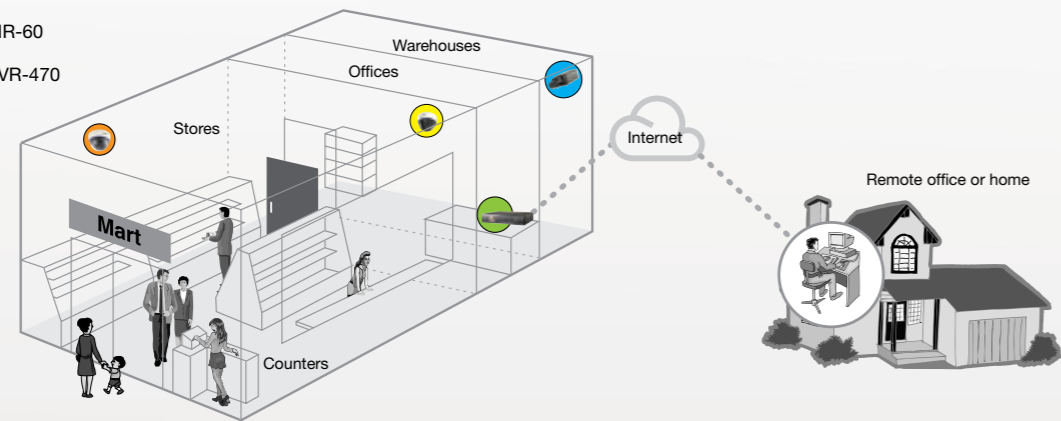
Excellent Recording Performance with H.264 Compression

Digital CCTV System with High performance Image Compression
for Efficient Business Management **SVR-470**






Ideal Installation Blueprint

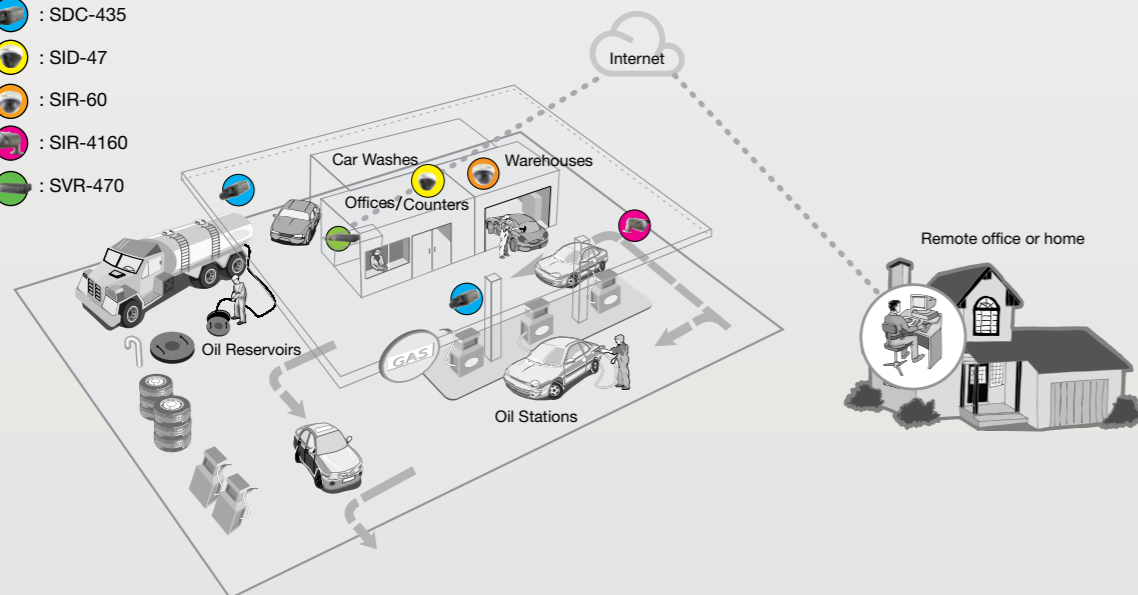
Small Stores

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



Gas Stations

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



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
 - SSNR^{II}, 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
 - SSNR^{III}, Upgraded 2D/3D Noise Reduction technology
 - SSSDR (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
 - SSNR^{II}, 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
 - SSNR^{III}, Upgraded 2D/3D Noise Reduction technology
 - Default 3.6X Varifocal Lens (2.8 ~ 10mm) & SSSDR (Samsung Super Dynamic Range)
 - DIS (Digital Image Stabilization) & Coaxial control