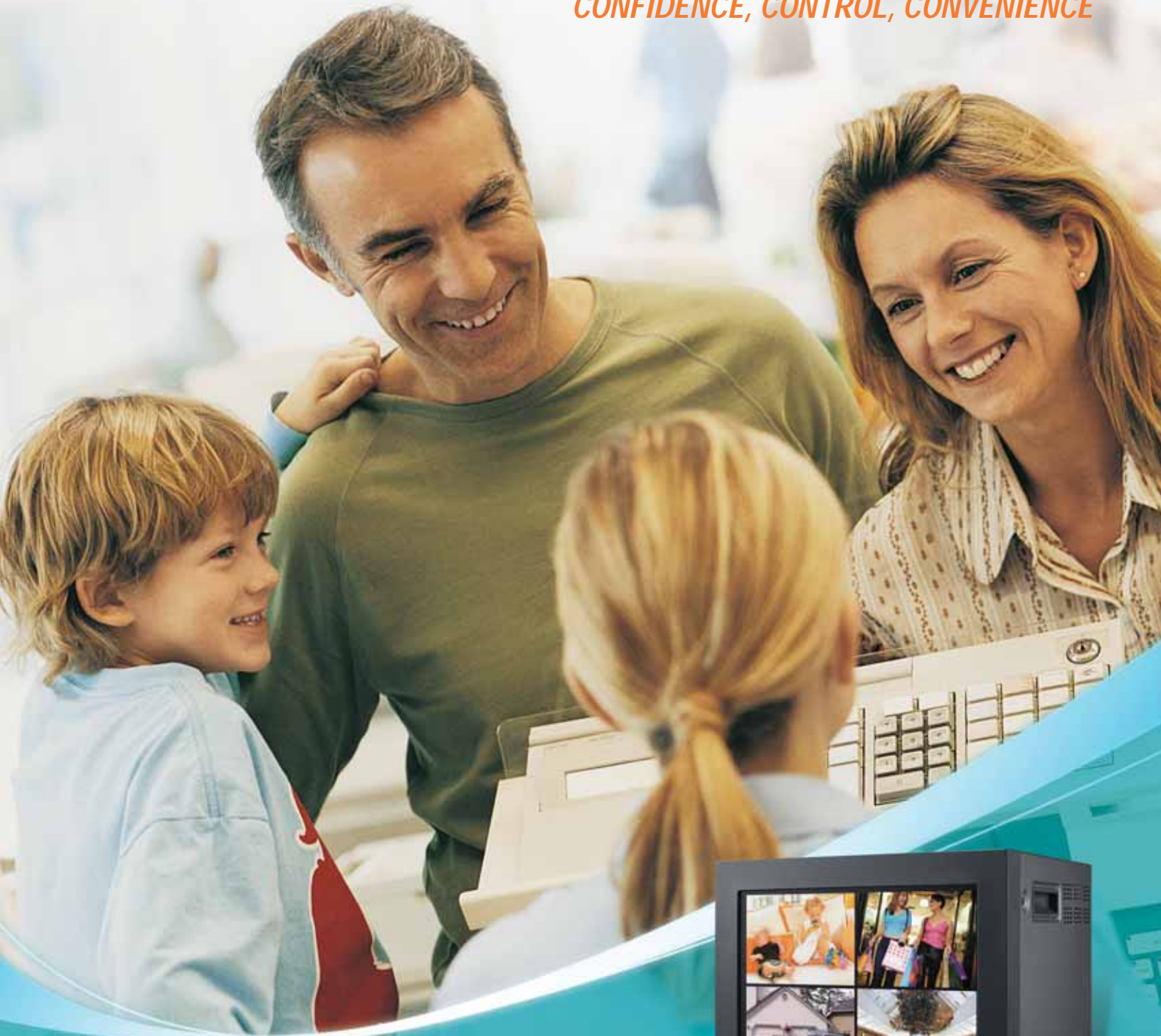


VIDEO MONITORING SYSTEMS

CONFIDENCE, CONTROL, CONVENIENCE



2005 Security Systems

SAMSUNG



Nanny-Cam



Nursery room

Security and Peace of Mind

Whether you need to keep an eye on your home, your property, or your small business, Samsung's Video Monitoring Systems provide a quick and convenient solution. This easy-to-install system comes with four cameras and your choice of a 15" or 21" color monitor. Connect to a VCR or use the available built-in Digital Video Recorder (DVR) to keep a record of your surveillance. Plus, Internet connectivity allows you to monitor your system remotely.

Features

- Easy, do-it-yourself installation
- Four color cameras included: two weather-resistant,¹ one dome, one PIR motion-sensing camera
- Expandable – connect up to eight cameras
- View up to eight camera locations, four at a time, in full screen
- Built-in web server provides Internet remote monitoring via web browser²
- Motion-sensor-activated alarm siren, emergency light and auto recording³
- Image transfer by e-mail for alarm events.



Retail store



Vacation home



Small business



Home exterior

Monitors

15" or 21" Flat color monitor

- Dual Quad viewing mode for up to eight cameras
- Remote monitoring through Internet²
- Simple ethernet connection – no PC required
- Record to a remote PC through viewer software
- Supports various broadband access Cable Modem, DSL, LAN (Static and Dynamic IP)
- Mounting brackets and 60-ft. cables included.

¹ Weather resistant against light rain and dust.

² Internet service sold separately.

³ Auto recording with built-in DVR model SMO-210DN or stand-alone recorder.

The Connection to Video Security

Easy and convenient installation

Once camera is connected to monitor through one cable (RJ-12 phone connector), it automatically configures and starts operation. One cable is the only connection between camera and monitor.

Convenient remote monitoring

Built-in web server enables remote monitoring over the Internet through various broadband such as DSL, cable modem and LAN (supports static and dynamic IP)!¹

¹ Internet service sold separately.



Weather-resistant camera

IP42 grade weather resistance against light rain and dust makes outside installation possible under protective covering.



2-way audio

Camera can function as a door phone when installed at a door.

Built-in DVR (model SMO-210DN)

A removable DVR with 160 Gb HDD is integrated into the monitor so that up to 120 hours of real time and up to 3,700 hours of recording is possible without external recorder.



Triplex function (model SMO-210DN)

Live, recording and playback can be activated on the screen simultaneously.

*Live, recording,
and playback*



Network Camera

Simple ethernet connection for remote monitoring

SNC-L200(W) has a built-in web server that can be connected directly to DSL/Cable modem, LAN or wireless LAN (wireless model SNC-L200W). There is no need for a dedicated PC or special software. With a web browser, the user can freely view the camera over remotely located broadband Internet.



Two-level privacy

When the privacy button is pressed once, the camera lens hides out of view. When it is pressed one more time, the video signal is turned off.

Flash LED for night vision

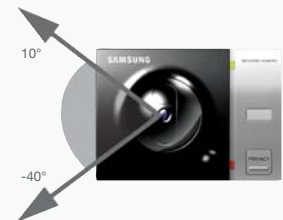
Specifications:

- LED lens coverage: 45°
- Lux value (3M): 8.0 lux
- Range: 3m.



Remote pan/tilt

Pan: 50° left/right max. (or less based upon user setting) Tilt: -40° to +10° (or less based upon user setting).



Compact design with quality video

SNC-L200(W) gives real-time moving video with a resolution of 640 x 480.



Simultaneous 10 remote viewers

For each IP camera, up to 10 PCs can be connected for simultaneous remote monitoring.



Free management software

Automatically configures up to four cameras; enables Internet access; and enables multi-level security control without any server usage fee!¹

¹ Internet service sold separately.

Record, Then Rest Easy

DVR Combo (SCR-3000N)

HDD Data back-up with VCR

The VCR records automatically in the event of HDD recording failure. It can back up not only the images recorded in the HDD, but also the images on a specific channel through the use of reservation recording function.



Hot-swap function

Removable hard disk drive bay. (No need to power off when changing HDD).



Images can be directly copied to PC

Data can be saved to PC through LAN using the PC remote viewer.



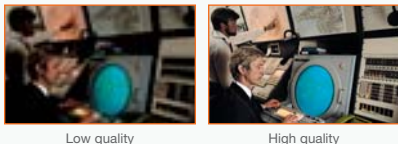
Real-time and time-lapse VCR (SVR-1280)

Maximum 40 hours of real-time and 1,280 hours of time-lapse recording with T-160 tapes



High picture quality

Newly developed circuit design delivers a high-quality picture.



Forward/reverse playback and video, noiseless field advance/field reverse

Supports easy and convenient search with forward and reverse playback function. Advance/reverse playback and search feature can be executed at 3X, 5X, 7X, 9X, 15X and normal speed.

Jog/shuttle dial has been implemented to facilitate fast search and slow replay.



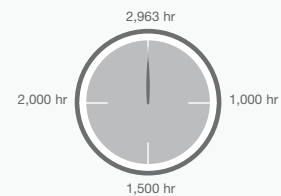
1 Ch DVR (SHR-1010BN)

Convenient memory back-up

Built-in memory stick port for small file transfer with watermark function (up to 128 MB).



Multiple recording time option (Up to 2,963 hours with an 80 Gb HDD)



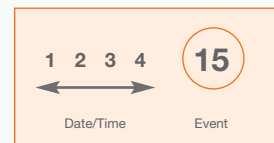
Password protection

To prevent unauthorized access.



Multiple search modes

Date and time, recorded event, alarm event, motion event.



Hot-swap function

Removable hard disk drive bay. (No need to power off when changing HDD).



Easy Installation

1. Mount cameras.
2. Connect cameras to monitor.
3. Turn on.



Cameras

Two weather-resistant cameras SOC-C120

- 1/4" high-quality CCD video chip
- Sensor terminal used to connect sensor(s) to the camera
- Microphone and speaker for two-way audio communication
- Weatherproof with optional housing
- Wide-angle lens (focal length of 3.8 mm).



One motion-sensing camera SOC-P120

- Reliable detection.

When motion is detected

- Alarm siren (with Optional Alarm)
- Emergency light (with Optional Switch)
- Auto recording (with Optional Recorder).



One dome camera SOC-D120

- 1/4" high-quality CCD video chip
- Wide-angle lens (focal length of 3.8 mm)
- Mounts on ceiling or wall
- For indoor use.



Built-in Digital Video Recorder (DVR)

The 21" DVR model SMO-210DN includes a built-in Digital Video Recorder for convenient recording of your surveillance. You can even monitor and initiate recordings over the Internet.

21" DVR – SMO-210DN

- Built-in eight-channel triplex DVR. Live monitor, playback and record, all at the same time
- Display up to eight cameras on the same screen in real time
- Built-in 160 Gb hard drive can store up to six months of time-lapse video
- Remote monitoring and recording function supports Cable Modem, DSL, LAN (Static & Dynamic IP)
- Includes four cameras (two weather-resistant, one dome, one motion-sensing), mounting brackets and 60-ft. cables.



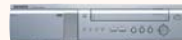
Specifications

Video Monitoring Systems



Model number	SMO-150QN	SMO-211QN	SMO-210DN
Flat Color CRT Monitor	15"	21"	21"
Dual Quad	•	•	8 Channel Triplex
Display Mode	Single, Quad A, Quad B, PIP, Sequence, Freeze, Zoom (2X)	Single, Quad A, Quad B, PIP, Sequence, Freeze, Zoom (2X)	Single, Quad A, Quad B, 8 CH, 16 CH (Triplex), PIP, Sequence, Freeze, Zoom (2X)
Built-In Web Server	•	•	•
Remote Monitoring through Internet	•	•	•
Remote Monitoring Speed	Max. 30 fps	Max. 30 fps	Max. 30 fps
Remote Video Resolution	704 x 240, 352 x 240	704 x 240, 352 x 240	704 x 240, 352 x 240
Simultaneous Viewers	Max. 10 Viewers	Max. 10 Viewers	Max. 10 Viewers
Network Security	User ID and Password	User ID and Password	User ID and Password
Record to Local PC	•	•	•
Modem Support	Cable/DSL	Cable/DSL	Cable/DSL
LAN Support	•	•	•
Max. Number of Camera Inputs	8	8	8
Weather-resistant Camera(s)	2	2	2
Dome Camera(s)	1	1	1
Motion-sensing Camera(s)	1	1	1
Imaging Device	1/4" CCD	1/4" CCD	1/4" CCD
Effective Pixel (H x V)	510 x 492	510 x 492	510 x 492
Resolution (H x V)	330 x 350 TV Lines	330 x 350 TV Lines	330 x 350 TV Lines
Min. Scene Illumination	2 Lux (F2.0, 50 IRE)	2 Lux (F2.0, 50 IRE)	2 Lux (F2.0, 50 IRE)
Lens	3.8 mm Focal Length	3.8 mm Focal Length	3.8 mm Focal Length
Microphone	Weather-resistant and Motion-sensing Cameras	Weather-resistant and Motion-sensing Cameras	Weather-resistant and Motion-sensing Cameras
Camera Power and A/V Signal	Integrated into Single Cable: RJ-12 Connectors	Integrated into Single Cable: RJ-12 Connectors	Integrated into Single Cable: RJ-12 Connectors

Video Security Recorders



Model number	SCR-3000N	SHR-1010BN	SHR-2040N	SVR-1280
Description	DVR Combo	DVR – 1 Channel	DVR – 4 Channel	Time Lapse VCR
Hard Disk Drive	80 Gb	80 Gb	160 Gb	–
Front Panel Removable HDD	•	•	–	–
VHS Tape Deck	•	–	–	•
Backup Media	VHS Tape ¹	Memory Stick ¹	External HDD, CD-RW, Flash Memory via two USB 2.0 Ports ¹	–
Compression	M-JPEG	M-JPEG	MPEG4	–
Record Picture Quality Level	4	3	4	1
Composite Video Input	1	1	4 + 4 (loop through)	1
Composite Video Output	1	1 + 1 (loop through)	2 (Main: 1, Spot ² : 1)	1
S-Video Input	1	1	–	–
S-Video Output	1	1	1	–
Audio Input	1	1	4	1
Audio Output	1	1	1	1
Remote Control	RS-232/RS-485	RS-232	RS-485	IR Remote

¹ Sold separately.

² Spot out: Interfaces with the composite input of spot monitor only showing one specific No OSD on the spot monitor.



For more information, log on to www.samsung.com

©2005 Samsung Electronics America, Inc. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd. **Screen images are simulated.** Printed in USA.