



The Smallest, Wireless, Mobile and Covert DVR in the World  
**Self-Guard™**

**SPECIFICATIONS**

SECTION	DESCRIPTION		REMARKS
Internal Storage Device	Built-In Flash memory: 128 Mb (up to 1 Gb)		
Memory Expansion	Removable Flash Memory: 128Mb - 1Gb		
Extensive Storage Device & Data Back-up	USB Memory Stick, USB HDD		
Camera	Built-In	1 CCD Color (up to 2EA)	
	External	NTSC/PAL (4EA)	
Resolution	NTSC/PAL	up to 640 x 480	pixels
Display Speed	NTSC/PAL	20 fps/ch	
Recording Speed	NTSC/PAL	12 fps	@240 x 240 pixels
Light Sensitivity (Built-In Color Camera)	1 Lux under @f1.2		CCD
Audio Input/Output ports	2 Built-In Microphones and 1 Speaker, 1 Audio Input		Audio Detection
TV(A/V) Output	Built-In Color LCD, Monitor(NTSC/PAL) Output		1.8 Inch
Search(Playback)	Date/Time/Motion/ Sensor		
Compression Method	Optimized Algorithm for Security		
Storage Capacity	High Quality (1-2 days)		128Mb, @1fps, 240x240 pixels (Indoor Use)
	Medium Quality (2-5 days)		
	Low Quality (5-10days)		
Display Lens (Built-In Color Camera)	Angle(56 Degrees), Unlimited Focus		Pin-Hole Lens
Motion Detection	Digital Image Processing, External Signal Input(PIR Sensor Etc.)		
Remote Access	LAN		
Wireless Communication	Bluetooth		
Source of Power	Rechargeable Li-Ion Battery (3.7VDC, 1400mAh), Adaptor (5V DC, 2A)		
Recording Time (Battery)	Normal Mode (4.5 hours)		
	Power Saving Mode (up to 24 hours)		
	Ultra Power Saving Mode (up to 3 days)		

• Dimensions: 85(W) X 55(H) X 22(D) mm      • Weight (Including Battery): 116g(4.09oz)      • Humidity: Under 80%  
 3.34(W) X 2.16(H) X 0.86 (D) inch      • Operating Temperature: -10 °C to 50 °C (14° F to 122° F)

**COMPARISON OF EACH MODEL**

FUNCTIONS	SG-1000	SG-2000	SG-3000	SG-100	SG-200	SG-300
Wireless Tx/Rx (Bluetooth)	-	-	0	-	-	0
Audio Recording	-	0	0	-	0	0
Video Recording	0	0	0	0	0	0
Sensor Input	0	0	0	-	-	-
Network Access	0	0	0	-	-	-
Audio Input	-	0	0	-	-	-
Video Input	0	0	0	-	-	-
TV Output	0	0	0	-	-	-

**STAR NEX** [www.STARNEXinternational.com](http://www.STARNEXinternational.com)

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The Smallest, Wireless, Mobile and Covert DVR in the World

**Self-Guard™**

(Professional Version) SG-1000, SG-2000, SG-3000



Subminiature Size (Less than a Cigarette Pack)

**Revolution in Micro Surveillance System**

- Total Solution in Security System for its most up-to-date technology
- Intelligent Algorithm for Motion and Audio Detection
- Unlimited Fields of Application
- Remote Monitor, Copy, and Record via LAN
- Easy Covert Operation using the Concealing Case, Button/Pen Camera etc.
- Wireless Transmit and Receive of Digitalized Audio/Video Data
- 1 (Up to 2) Built-In CCD Color Camera
- Subminiature Size (Less than a Cigarette Pack)
- 2 Built-In Microphones and 1 speaker
- Durable Design for Impacts
- Built-In color LCD (1.8 Inch) for Immediate and Easy Search / Playback
- Selectable Settings for the Option in the Menu
- 3 Sensor Input/Output Ports
- Snapshot Mode
- 1 Microphone Input Port
- Built-In (128Mb) Flash Memory - Free of Data Loss
- Long Recording Time and Data Back-up with the External USB HDD
- User-friendly Operation
- 1 TV(Audio/Video) Output Port
- Long Battery Life by using Low-Power Technology

**STAR NEX**

# The Smallest, Wireless, Mobile and Covert DVR in the World



## SG-1000, SG-2000, SG-3000 (Professional Version)

The Self-Guard is an extremely small digital recording system, which digitally compress, store, search, and transmit information such as, image and sound captured by the camera and microphone.

Self-Guard is a true innovation in digital surveillance. You can monitor any locations from anywhere, for the Self-Guard transmits both the audio and video data to remote areas using LAN and wireless transmit technology (Bluetooth). The Self-Guard is unique in the sense that it applies the idea of Ubiquitous, so you can access and communicate among several SG units from anywhere in anytime.

Self-Guard is a user-friendly system and a necessity in these days when security comes to our top priority.

### Home Security

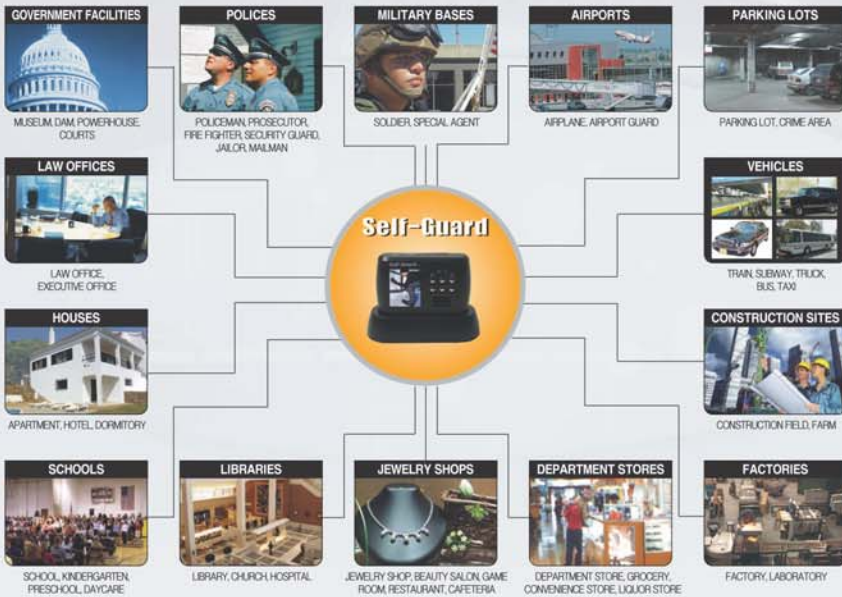


### Vehicle Security



## APPLICATIONS

### Self-Guard



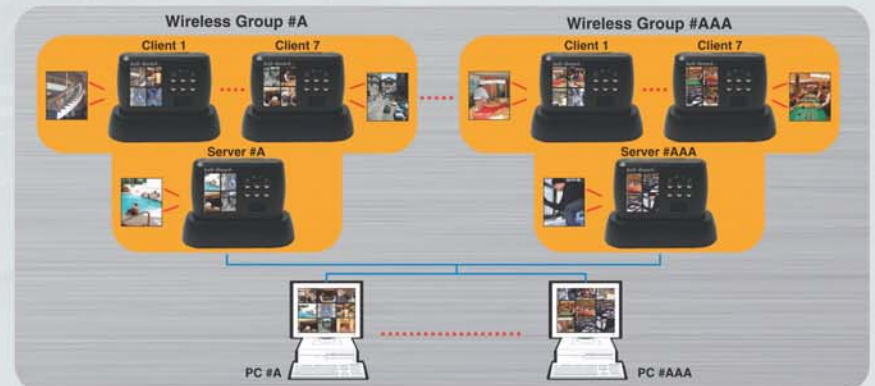
### SG 2000

- Color LCD, Speaker, 2 Microphones, 2 Built-In and 4 External Color Cameras
- Remote Monitor, Copy and Record via LAN



### SG 3000

- Color LCD, Speaker, 2 Microphones, 2 Built-In and 4 External Cameras
- Remote Monitor, Copy and Record via LAN and Bluetooth





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Resolution	up to 640 x 480	pixels
Display Speed	20 fps/ch	
Recording Speed	12 fps	@240 x 240 pixels
Light Sensitivity (Built-In Color Camera)	1 Lux under@1.2	CCD
Audio Input/Output	2 Built-In Microphones and 1 Speaker	Audio Detection
Video Output	Built-In Color LCD	1.8 Inch
Search(Playback)	Date/Time/Motion/Sensor	
Compression Method	Optimized Algorithm for Security	
Storage Capacity	High Quality (1-2 days) Medium Quality (2-5 days) Low Quality (5-10 days)	128Mb, @11fps, 240x240 pixels (Indoor Use)
Display	Date/Time/Frame	
Lens (Built-In Color Camera)	Angle (56 degrees), Unlimited Focus	Pin-Hole Lens
Motion Detection	Digital Image Processing	
Wireless Communication	Bluetooth	
Source of Power	Rechargeable Li-Ion Battery (3.7VDC, 1400mAh), Adaptor (5V DC, 2A)	
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Video Recording	0	0	0	0	0	0
Sensor Input	0	0	0	-	-	-
Network Access	0	0	0	-	-	-
Audio Input	-	0	0	-	-	-
Video Input	0	0	0	-	-	-
TV Output	0	0	0	-	-	-

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- Snapshot Mode
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- Memory Card for Memory Expansion
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- Long Battery Life by using Low-Power Technology
- User-friendly Operation

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### SPECIAL PURPOSES

Police, Prosecutor, Military, Fire Department, Airport Security, Security Guard, Anti-Terror etc.



### APPLICATIONS



### SHOPLIFTING, EMPLOYMENT THEFT

Department Store, Chain Store, Office, Jewelry Shop, Laboratory, Cafeteria, Restaurant, Game Room, Beauty Salon, Library, Museum, Grocery, etc.



### THEFT

Parking Lot, Vending Machine, Public facilities, Church, Truck, Bus, Taxi, Dormitory, Hospital, Construction Sites, Residential Areas, etc.

