



GSM Alarm System

S3526

User Manual

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Website: [Http://www.GSMalarmsystem.com](http://www.GSMalarmsystem.com)

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1. Brief introduction

The GSM Alarm System S3526 is a new security protection solution special for home, house and office and other applications. It based on Wireless GSM Communication network. When any sensor activated, it will Call&Send SMS to owners telephone immediately.

The GSM Alarm System S3526 can setup by SMS easier.

What you need is a SIMCard which supports Call ID function.

2. Safety Directions



Safe Startup

Do not use GSM Alarm System when using GSM equipment is prohibited or might bring disturbance or danger.



Interference

All wireless equipment might interfere network signals of GSM Alarm System and influence its performance.



Avoid Use at Gas Station

Do not use GSM Alarm System at a gas station. Power off GSM Alarm System it near fuels or chemicals.



Power it off near Blasting Places

Please follow relevant restrictive regulations. Avoid using the device in blasting places.



Reasonable Use

Please install the product at suitable places as described in the product documentation. Avoid signal screening by covering the mainframe.

**Use Qualified Maintenance Service**

Maintenance can be carried out only by qualified maintainer.

**Waterproofness**

The product is not waterproof. Please install it at dry places and keep it dry.

3. Standard Packing List

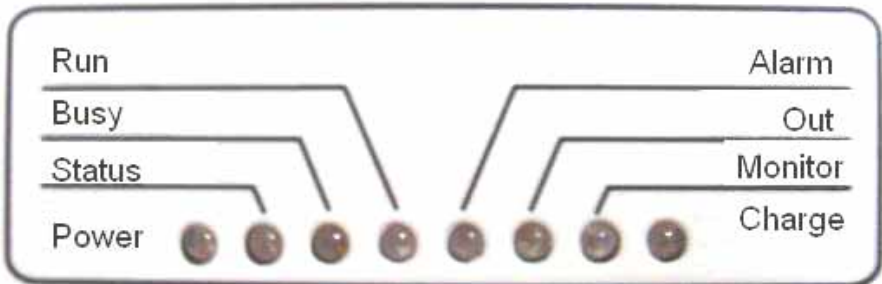
Control Unit X1
Wireless Magnetic Door Sensor X1
Wireless Remote Controls X 2
Wireless PIR Motion Sensor X1
Wired Mini Siren(110dB) X1
Regulated 12vDC Power Supply X1
User Manual X1

Optional Accessories: (Wired or Wireless Sensors)

PIR Motion Sensors	Glass Break Sensors
Magnetic Window Sensors	Magnetic Steel Scrolling Door Sensor
Temperature Sensors	and Other Sensors.

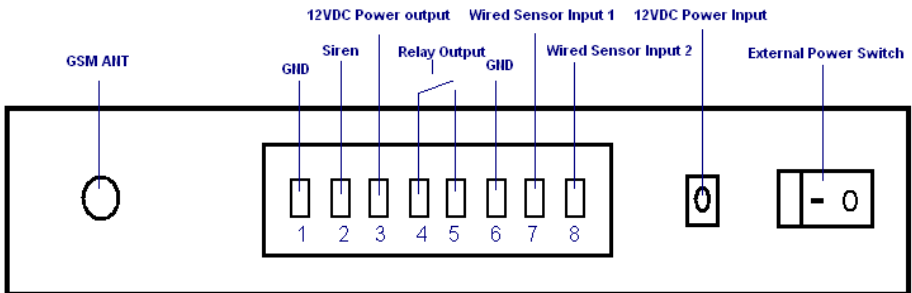
4. Physical Layout

4.1 Control Unit physical layout



Power	External 12VDC Power Status LED,power on will on.
Status	Arm Status LED,in armed mode, it flashes green, always green is disarmed.
Busy	Always red color means the mainframe calling out or sending SMS out or triggered,normally, it flashes.
Run	GSM Network Led, flash 1 time per 1 second, means searching and registering GSM network. Flash 1 second and off 3 seconds, means the gsm network was registered, always on means under the communication.Otherwise,means the SIMCard hasn't been fixed well or GSM network signal is weakness.
Alarm	Alarming it will on and the buzzer will make a sound.
Out	Relay output closed it will on, otherwise it is off.
Monitor	Microphone working, will on,otherwise it is off.
Charge	Under charge the internal backup battery,it will on, otherwise, it is off.

4.2 8Pin connector definition



Interface

PIN 1	GND
PIN 2	Siren positive electrode
PIN 3	12VDC Power Output Source, can use it for any device or sensors that need 12VDC to work.
PIN 4	Output relay negative electrode

	(Relate Voltage:2A/250VAC)
PIN 5	Output relay positive electrode (Relate Voltage:2A/250VAC)
PIN 6	GND
PIN 1	Wired sensor input 1 (e.g.: Temperature sensor.)
PIN2	Wired sensor input 2(e.g.: Photoelectric Beams Sensor.)
Tips: 1. The Output relay is similar the Power Switch, you can use it to control the light, gate,DVR and other applications. Its driven by 5VDC, related voltage is 2A/250VAC,<40W, when you use high vlotage applications, please note the cables.	

5. Features

- 1) GSM Frequency: Dual-Band(900/1800MHz);
- 2) Can armed,disarmed by SMS or remote control;
- 3) Automaticed send SMS Alert to the pre-set cellphone when any sensor triggered;
- 4) Equips with 2 Wired Zones,NC/NO is optional, Zone Name is editable;
- 5) Equips with 8 Wireless Zones, Zone Name is editable;
- 6) Supports 3 SMS Alert telephones and 5 Call alarm phone numbers;
- 7) Equips with 1 relay output, it like a switch, use for driving DVR, light, gate or other electric appliances once the system triggered. The relay output On or Off can be controlled by SMS or Telephone;
- 8) The external power failure alert function;
- 9) Supports wiretap through internal Mircophone;
- 10) Can remote start Siren and arm/Disarm the system by telephone;
- 11) Can alert the remote control operation information by SMS;
- 12) Equips SOS Alarm button on the remote control for emergency alarm;
- 13) Standby internal rechargeable battery which can last 12 hours;

- 14) Based on the GSM communication network and Operation Menu Display technology, apply to wide range situations.

6. Settings

The S3526 designed for easiler setup, all the setup can be done by SMS commands. Also, you can setup it by call, the commands are the same as the SMS Commands.

Before the setting, please read the user manual carefully. Then insert the SIMCard and fix it well, then power on the mainframe, the control unit will search and register the GSM Network automatically, once the Run Led flashes 1 second and off 3 seconds, means the gsm network was registered, then you can start to set it. Also, you can set the system by SMS after it finished GSM Network registration.

Please setup it following the follow table:

Notice:

- 1) When set the system by SMS, if success, will return one SMS to confirm, otherwise, means the setting failure;
- 2) When set the Control Unit by phone, the system will request you input password to enter the system. if success, will make a long Di sound to confirm, if it makes didi sound, means the setting failure. The operation commands please see tables.
- 3) Depending on the infrastructure, the SMS Command Control functions may not work in all countries.

Telephone and SMS Commands For GSM Alarm System

Setup Basic Functions	
Com.	Functions&Descriptions
11#	Set the control unit when triggered, The siren will sound.(Default)
11*	When the control unit triggered, the siren will not sound.

21#	Set wired zone as NC type.
21*	Set wired zone as NO type. (Default)
31#	Modify password. The original password is 1234.

Setup SMS Alert Telephone numbers

Com.	Functions&Descriptions
40#	Inquire the preset SMS Alert telephone numbers. (Can't inquire it by telephone, only by SMS.)
41#	Set the 1st SMS Alert telephone Number.
42#	Set the 2nd SMS Alert telephone Number
43#	Set the 3rd SMS Alert telephone Number.

Setup Call Alert Telephone numbers

Com.	Functions&Descriptions
50#	Inquire the preset Dial phone number. (Can't inquire it by phone, only by SMS.)
51#	Set the 1st dial phone number.
52#	Set the 2nd dial phone number.
53#	Set the 3rd dial phone number.
54#	Set the 4th dial phone number.
55#	Set the 5th dial phone number.

Setup SMS Alert Contents

Com.	Functions&Descriptions
70#	Inquire the Wired zone Name.(Can't inquire it by phone)
71#	Set the the 1st wired zone name.
72#	Set the 2nd wireld zone name.
80#	Inquire the wireless zone names. (Can't inquire it by phone)
81#	Set the 1st wireless zone name.
82#	Set the 2nd wireless zone name.
83#	Set the 3rd wireless zone name.
84#	Set the 4th wireless zone name.
85#	Set the 5th wireless zone name.

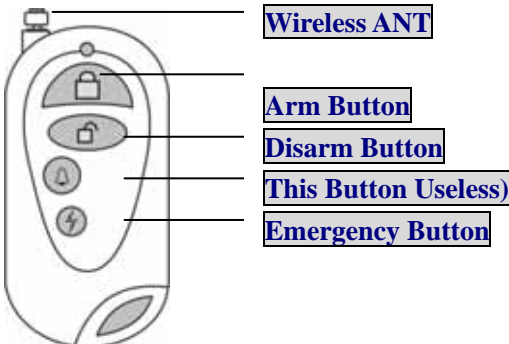
86#	Set the 6th wireless zone name.
87#	Set the 7th wireless zone name.
88#	Set the 8th wireless zone name.


Tips!


- 1) Send **1234#01#** to arm the system, or call into the system, then enter **1234# 01#** to arm it.
- 2) Change the password: send **1234#31#1111#**, Or call into the system, then enter **1234#31#1111#**. Means change the password 1234 to 1111.
- 3) Set the first dial phone Number 20202020:
Send SMS **1234#51#20202020#** to the system or call the system, then enter **1234#51#20202020#**.
- 4) Delete the preset alarm number:
Send SMS **1234#51##** or call the system, then enter **1234#51##**. Will delete the first dial phone number, the same format to delete the other alarm phone numbers and SMS alert numbers. Send SMS **1234#41##** or call the system, then enter **1234#41##** to delete the first SMS alert number.
- 5) Change the zone name: (The zone names should less than 12 letters.) Send **1234#81#door#** to change the wireless zone 1 name to door.
- 6) Please help to setup the first SMS Alert Number firstly, so that you can receive all the confirmation SMS.


7. Operating Instructions

7.1 Arm or Disarm and Emergency Alarm by remote controls



Press the button “” on the remote control, the Control Unit enters arm status. under this status, any sensor triggered, the control unit will alarm and the siren will sound 90S.

Press the button “” on the remote control, the Control Unit disarms immediately. under this status, any sensor triggered, the control unit will not alarm and the siren will not sound, except the Emergency Button.

Press Emergency button “” on the **remote control** or Press any **Emergency button**. The Control Unit will enter emergency alarm status. The siren will not sound, but will alert the pre-set phone number immediately.

7.2 Arm or Disarm by SMS and Telephone.

There're two way to operate it.

Method 1: Send SMS to Arm or Disarm;

2: Call to the Control unit.

In order to operate it easier, we designed simply commands, as below:

SMS & Call Operation Instructions

XXXX#01#---Arm

XXXX#01*---Disarm

XXXX#02#--- Switch ON the relay output for 3 minutes.

XXXX#02*--- Switch OFF the relay output.

XXXX#03#--- Switch ON the siren for 3minutes

XXXX#03*--- Switch OFF the siren immediately.

(**XXXX** Stands for the password.)

7.3 External AC power failure alarm

When the system detects a power cut in external AC power for longer then two seconds it will send SMS to the SMS Alert target cell phones. when the AC power restored, it will send SMS to you, without calling.

7.4 Handling the received alarm

If the Control Unit receives any alarm signal from any sensors, will start the siren intermittently and switch on the relay output. At the same time, dial the Call alert telephone numbers one by one three times. If programmed, it will also send SMS to SMS Alert Target cell phones, the SMS content will include the zone name. If answered the alarm calling, you can listen into sounds from the alarm system area.

After answered the call, press **01#** to arm, press **01*** to disarm.

If the user hangs up, the Control Unit will stop alarm and call other alarm telephones, until answered.

7.5 Arm/disarm and wiretap through telephone

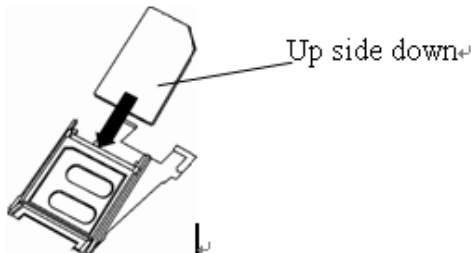
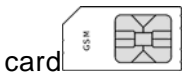
You can use any telephone to call the Control Unit, after detecting 15 seconds will make click sounds, waiting for you to enter the password. if the entered password is correct, you can arm or disarm it and listen in the control unit area.

8. Installation

Before installing the control unit and sensors and sirens, please help to test the system firstly, including wireless sensor, wired sensor, power supply, gsm signal, etc.

8.1 Insert SIM into Control Unit

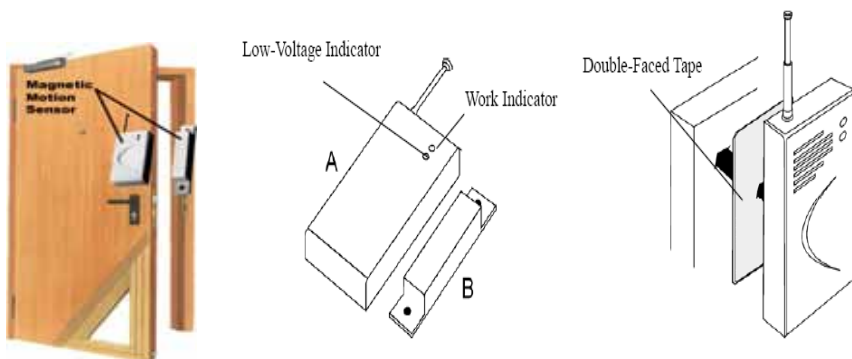
In the backside of the control unit, please install the GSM SIM





8.2 Install the Magnetic door/window sensors

Magnetic door/window sensors signal the Control Unit when the two parts separate by more than between **1.5 to 3.0cm**.



In some circumstances an Infrared beam fence is more appropriate than magnetic sensors. i.e. veranda, picture window balcony, boundary wall e.t.c.

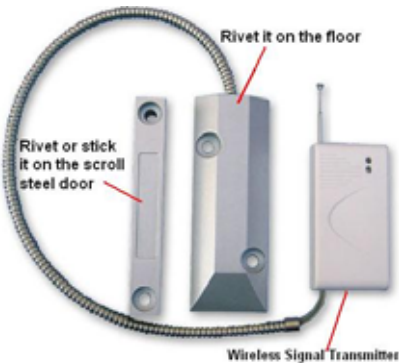


Wired or wireless glass break sensor can also be used (see below)



For a Scrolling Steel Door, a special Wireless Scroll Steel Door magnetic sensor, must be used due to interference of the wireless signal caused by the steel door.

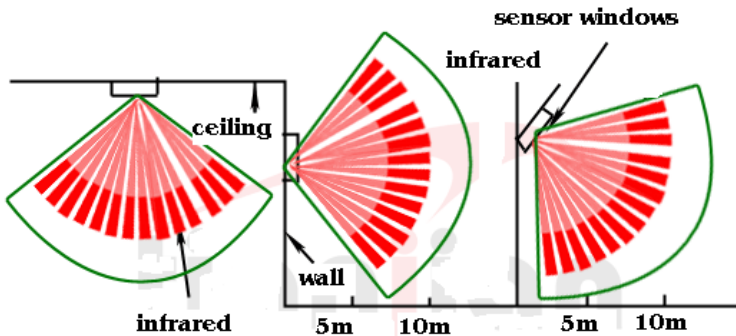
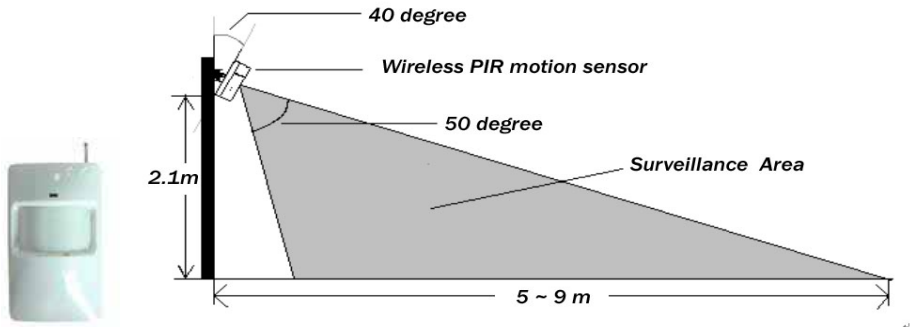
Installation: attach the larger half to the floor and attach (rivet or glue) the smaller half to the scroll steel door. An alarm is triggered when the halves are separated by more than three to 5.00 cm.



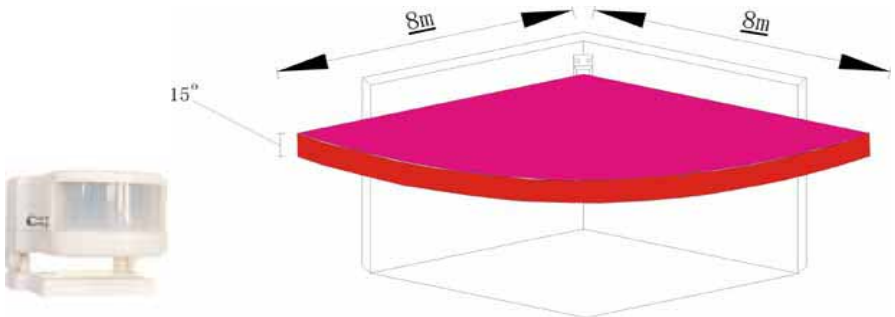
Scroll Steel Door

8.3 Install the wireless PIR Motion Sensor

The PIR sensor will detect a person since human temperature is different to ambient temperature. When triggered, the PIR will signal the Control Unit. Apply the detection area illustration below when installing.



Wireless curtain sensor, detection area illustration below:



8.4 Install other sensors

For smoke, you can use wireless smoke sensor, for gas leakage detection, you can install gas leakage sensor below



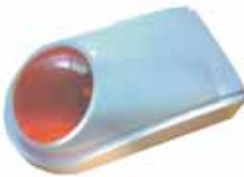
8.5 Install the Control Unit

In order to avoid destruction of the Control Unit by intruders, please install it in a concealed location, convenient to the operator.

If applicable, ensure that an uninterruptible AC power outlet is available near the Control Unit. First connect accessories to the Control Unit then the AC adapter.

8.6 Install Siren

Connect the Siren and the Speaker to the Control Unit and fix them in appropriate locations .



Strobe Siren



Siren



Light Siren

8.7 Install Other Wired Sensors

Connect the sensors't two cable to the interface 2 is ok, the S3022 can supports 4 Wired Sensors, so you can add Wired Photoelectric Beams sensors for outter, install temperature sensors, water leakage sensors, wired smoke sensor, wired Panic Button, Wired PIR Motion Sensors and so on.

9. Add Wireless Sensors to the Control Unit

The Wireless sensors in the package box are pre-coded prior to shipping. Add additional wireless sensors to the control units, please help to see

below:

- 1) Open the back cover of the Wireless sensor carefully;
- 2) Locate the IC boards black jumpers, labelled A0-A7 and D0-D3.
- 3) The A0-A7 , 3X8 PIN connectors,are the **Wireless Address bits** code area, and the D0-D3 are 3X4 PIN connectors, are **Wireless data bits** code area;
- 4) Also, you can see the H, N, and L letters besides the 3X8 PIN and 3X4 PIN connectors, like below;
- 5) Connect L and N is means 0, and connect H and N is means 1, connect neither L and N nor H and N is means 2 ;
- 6) According to below table, select the Zone and set the 3X4 PIN Wireless data bits code area according to selected zone.
- 7) According to the wireless sensors in the Standard package, set all wireless sensors' **Wireless Address bits** the same. Then install the cover carefully.
- 8) Turn off the sensors' power before setting .
- 9) Trigger the wireless sensor and test the setting result. If the wireless sensors do not work, please check the jumpers again.
- 10) You can set many sensors in the same zone.

Notice:

After you restored the system to factory default(By press the Reset Button), you should learn the wireless sensors to the control units again. The method is below:

Step 1: Power on the Control Units and waiting it registered successful;

Step 2: Press the Reset button in the backside of the control unit, nearby the Simcard Slot;the **Busy LED** will turn Red Color, trigger any wireless sensor, the Busy Led will flash and make "Di" Sound to confirm the operation. If the control unit doesn't makes "Di" sound, means the learning failure, please try again.



Appendix: Zone Setting Table

Serial No.	Deflaunt Zone Name	Wireless data bits			
		D0	D1	D2	D3
Zone 1	Wireless Zone Activated	1	0	1	0
Zone 2	Wireless Zone Activated	1	0	1	1
Zone 3	Wireless Zone Activated	1	1	0	0
Zone 4	Wireless Zone Activated	1	1	0	1
Zone 5	Wireless Zone Activated	1	1	1	0
Zone 6	Wireless Zone Activated	1	1	1	1
Zone 7	Wireless Zone Activated	1	0	0	1
Zone 8	Wireless Zone Activated	0	1	0	1

Notice:

1. All the Zone Names can be edited by user through SMS Commands;

10. Technical specifications of Control Unit

Rated Voltage: 12VDC 1.5A

Working temperature: -10 ~ +60

Storage temperature: -20 ~ +60

Relative humidity: 10-90%, No condensation

Work frequency: GSM900,1800Mhz

Communication protocol: GSM PHASE 2/2+ (include data service)

Wireless sensor receiving frequency: 433+/-0.5MHz

Wired Zones: 2

Wireless Zones: 8

Related Voltage of the Output Relay: 2A/250V AC

Effective distance of wireless transmission: 100 m (Open area)

Battery: Built-in lithium-ion battery: 1000mAh 7.2V

Standby time Approx. 12hours (depending on the network condition)

Net Weight: 0.80Kg

11. Important information

- 1) Please read the User Manual carefully before you install the Control Unit and set the Control Unit.
- 2) Do not install the system in close vicinity with objects that generate strong interference, such as TV set and computer.
- 3) Install the system in a hidden place.
- 4) Avoid getting water into the Control Unit.
- 5) Have a secure connection to the main power supply.
- 6) This product was designed for the indoor use.
- 7) Opening the control unit cover will void the warranty.

12. Maintenance

- 1) In case of failure, please contact the distributor or manufacturer.
- 2) If the Control Unit works, while the remote control and other sensors fail, please check and change the battery.
- 3) If the remote control works, but the Control Unit fails to send SMS texts, switch the power of Control Unit off and switch it on after one minute. Test this system after another minute, or check the settings are correct and the GSM Signals are strong enough.

- 4) If the Control Unit can run and sensors work, but cannot send SMS texts, please change SIM Card to check it.
- 5) If the problem cannot be solved, please contact the distributor or manufacturer.

13. Warranty

- 1) This system is warranted to be free of defects in material and workmanship for one year from the date of purchase.
- 2) This warranty does not extend to any defect, malfunction or failure caused by abuse or misuse by the Operating Instructions. In no event shall the manufacturer be liable for any alarm system altered by purchasers.

The End!

Any questions please help to contact us feel free.

Email Us: Sales@Kingpigeon.com.cn

[Http://www.GSMalarmsystem.com](http://www.GSMalarmsystem.com)

[Http://www.Kingpigeon.com.cn](http://www.Kingpigeon.com.cn)

Warranty Card

Model _____ Product ID _____

Date of Purchase_____

Date of Production_____

Maintenance Record

Dealer _____