GSM Elderly Guarder

User Manual

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Website: Http://www.GSMalarmsystem.com

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This handbook has been designed as a guide to the installation and operation of A10 GSM Elderly Guarder.

Statements contained in the handbook are general guidelines only and in no way are designed to supersede the instructions contained with other products.

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1. Brief introduction

The A10 GSM Elderly Guarder is a very innovative concept of GSM Panic Alarm, GSM Emergency Call System and GSM Medical Alarm System. Only press the button to ask for help, and press the Familiarity Number buttons to talk to the familiarities.

The GSM Elderly Guarder A10 is a very useful product. We're based on the background of many elderly people living alone to design it. This is the first product special for safeguard and medical and including spiritual care for the elderly in the worldwide. It can be used for monitoring aid, elderly person and all the emergency help through GSM Network with our innovative concepts.

The GSM Elderly Guarder with user friendly design idea, all operations and settings can be programmed by PC Configurator or remotely by SMS commands!

The GSM Elderly Guarder will make you live safe, live free and enjoy life!

2.Safety Directions

Safe Startup
Do not use GSM Elderly Guarder when using GSM equipment is prohibited or might bring disturbance or danger.

Interference
All wireless equipment might interfere network signals of GSM Elderly Guarder and influence its performance.

Avoid Use at Gas Station
Do not use GSM Elderly Guarder at a gas station. Power off GSM Elderly Guarder when 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 shielded by covering the Control Panel.

Use Qualified Maintenance Service
Maintenance can be carried out only by qualified maintainer.

3. Standard Packing List

Control Panel X 1
Waterproof Worn Panic Button X1
USB Cable X1
AC to DC Adaptor X1 (9-12VDC/1A)

CD x1 (Including User Manual X 1, PC Configurator)

Optional Accessories: (Wireless Accessories)
Wireless PIR Motion Detector, Wireless Smoke detector, Wireless Panic Button, Wireless Strobe Siren
(Optional function), etc.

4. Physical Layout

No.1	The 1st Familiarity Number Button, push it to call the 1st Familiarity Number directly.
No.2	The 2nd Familiarity Number Button, push it to call the 2nd Familiarity Number directly.
No.3	The 3rd Familiarity Number Button, push it to call the 3rd Familiarity Number directly.
SOS	The SOS Button, push it to send out SMS to 3 SMS Alert Numbers and autodial the 5 Alarm Dial Numbers directly.
Stop	The Stop Button, push it to stop the current operations or push it to answer the incoming calls.
Power	External Power Led. Will turn on once the external AC Power goes on.
Battery	Internal backup battery LED. Will turn on once the external power goes off, to indicate that the control panel powered on by the battery.
GSM	GSM Module indicator, registering will quickly flick, registered successful will slowly flick and alert by Buzzer sounds.

Remain Position for External GSM Antenna

GSM Antenna	This place with very thin plastic, if need use external GSM Antenna then please poke and make a hole, then fix the GSM Antenna connector.
ON~OFF	The Switch to power on~off of the unit.
USB Port	For downloading the settings from the PC configurator.
DC12V	External Power input for the control panel, the range is DC 9~12V, 1~2A.

5. Features

1) Quad-Band (850/900/1800/1900Mhz) ensure it can work in the worldwide;

2) Big Red Panic Button or Waterproof Worn Panic Button to Ask For Emergency Help;

When the aid, elderly, children and disabled need help, they can press the Big Red Button, or press Waterproof Worn Panic Button or any other Wireless Panic Button, the GSM Elderly Guarder will automatic send SMS Alert to 3 Cell phone numbers and dial 5 assigned numbers then automatically create two way voice communications.

3) 4 Wireless Watchdog Zones to Monitoring Activities of Daily Living;

The GSM Elderly Guarder with 4 wireless watchdog zones, it is very useful to monitoring the elderly or aid has pass through special space in the pre-set time, because of normally a person should pass through these places. E.g.: Went out the bedroom, went to the kitchen, went to the dining room, and went to the washing room.

4) 3 Wireless 24Hours Zones to Monitoring Living Environment;

The GSM Elderly Guarder supports 3 wireless 24Hours Zones, special for smoke detector, gas leakage detector and water leakage detectors.

5) 4 Timers for Reminding Elderly to Take Medicine on Time;

The GSM Elderly Guarder accepts 4 timers, special for alerting the elderly to take the medicine on time or others.

6) Familiarity Numbers For Easy to Dial 3 Telephone Numbers;

Familiarity Number is also a very useful function for Two-way voice communication, once press any one of the Familiarity Number button, the system will create two-way voice communication with the assigned number. So the elderly or disabled can speak to her familiarity easily. Also, the familiarity can call in to create the two-way voice communication automatically.

7) Large Capacity Rechargeable Backup Battery;

The 1200mAh large capacity rechargeable backup battery is useful to ensure it can work about 12hours after AC power is failure. Also when the AC power goes off, it will send a SMS to the Cell phone number.

8) Self-checking Function;

The Self-checking function is very useful to ensure that the GSM Elderly Guarder is under good working condition.

9) User Friendly Configurations;

The GSM Elderly Guarder accepts configuration by simply SMS commands and user friendly PC Configurator via USB port.

10) Wireless strobe siren warning when Alarm occurrence. (Optional).

6. Settings

The GSM Elderly Guarder is for user-friendly design. The user can setup it by the PC Configurator through

USB cable and by SMS Commands.

Tips!

1) *Please insert the SIMCard firstly, also, you can insert the SIMCard after you setup.*

2) *Please restart the unit after you programmed it by PC configurator;*

3) *Please power on to check the LEDs can work or not, then power off it before you program it by PC Configurator.*

4) *The default password is 1234, you can modify it by enter the new password in the PC Configurator or SMS command.*

5) *The Panic button in the standard package we have learned to the Control Panel already. Needn't to learn it again.*

6) *Two way communication: While the incoming call from* **Familiarity N0. 1~3, SMS Alert No. 1~3, Alarm Dial No. 1~5**, *the GSM Elderly Guarder will automatically answer the call, and then the two-way voice communication will be created. If you want to test the two way voice communication, please make sure the other phone is away from the unit at least 500meters. Otherwise, the near-cross will make lots of noise interference. When the incoming call from the other numbers, the incoming call will be rejected after 5tones if the user hasn't press the* **Stop** *Button* *to answer it.*

7) *Please insert the SIMCard when it running. Because of the Control Panel must obtain the time information from the GSM*
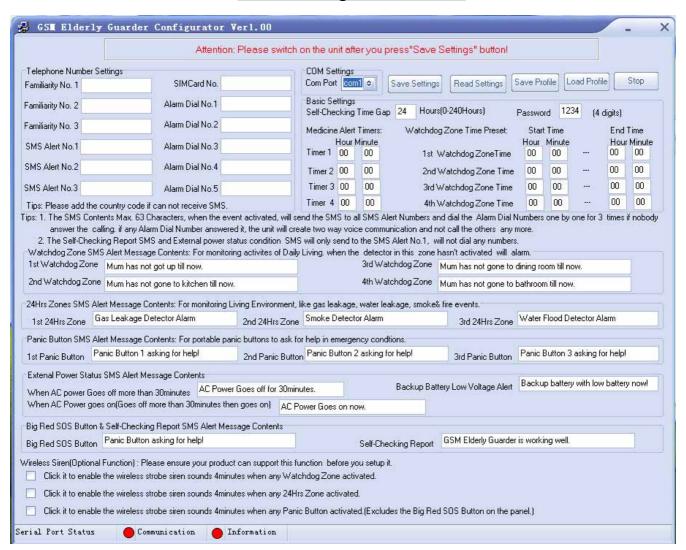
Network, otherwise, the Control panel without time information to handle watchdog zone, timers, and siren working time and self-checking report time.

8) *Zones' Attribute definition:*

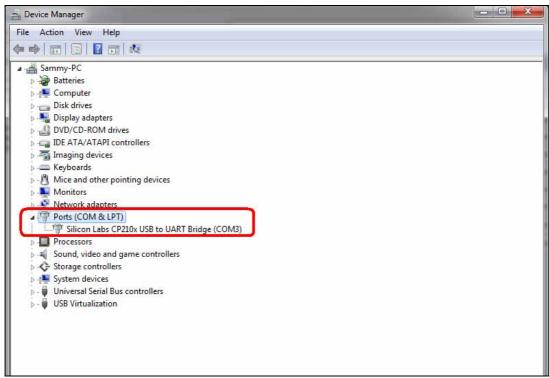| Zones' Attribute	Definition
Watchdog	*Between the starting time point and ending time point, the detectors with this type triggered will not alarm, if the detector hasn't been triggered, will make alarm. It is special for monitoring somebody must go to somewhere in the preset time. Usually use the wireless PIR motion detector for it. E.g.: if the mother hasn't gone out the bedroom in 6:00~12:00AM, then maybe she is ill. Should send SMS to alert.*
24-Hour Zone	*In any time, if the detectors with this type triggered will alarm. e.g.: smoke detector triggered, gas leakage detector triggered, flood detector triggered, it should send SMS to alert.*
Panic Button	*In any time, if the Panic Button with this type triggered will alarm. e.g.: Press Panic Button, it should send SMS to alert. Some users prefer to define the different type of the detectors, so that we use two names for them. It is for wireless Panic Buttons.*
Red SOS Button	*In any time, if the Press this Button on the panel will alarm.*
Alarm Action: *when Alarm occurrence, the system will Automatically Send SMS to the Pre-set SMS Alert Numbers firstly, then dial the Alarm Dial No.s one by one for 3 times if nobody answers the calling. If any Alarm Dial Number answered the calling, the unit will create two way voice communications and not call the others any more.*	

6.1 Setup by PC Configurator
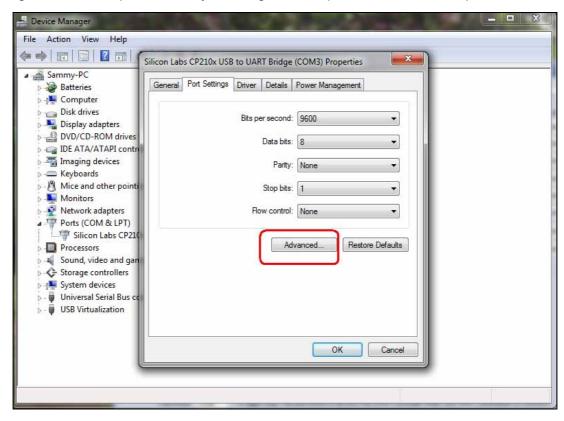
The PC Configurator Interface

Please following the below steps one by one to setup it, otherwise you can not setup it successfully.
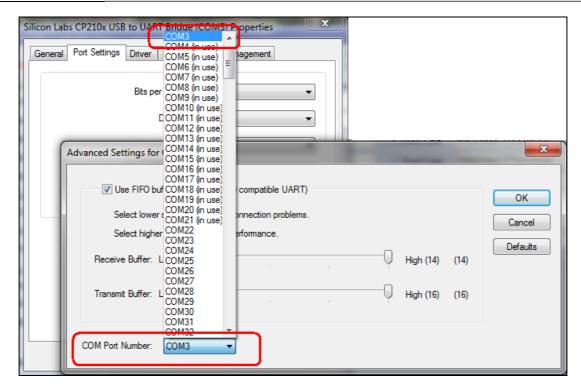
Step1: Please Contact the unit to the PC, and then install the USB Driver to the computer from the CD firstly. When successful, it can be found out at the device manager of the XP or Windows 7, please see the below photo. And remember the COM port. Also, the driver can be downloaded from Silicon Laboratories, Inc., the model is CP210x.

If the Com port is not Com1~Com5, then please right click the Device, then enter the Properties to change it, see below photos, after you changed it, and pleaseut restart the computer.

Step2: Please insert the SIMCard into the GSM Elderly Guarder carefully;

Step3: Please running the PC Configurator from the CD, and select the Com Port number according to the device manager display, usually is Com3, see the above mentioned photos;

Step4: Please connect the GSM Elderly Guarder to the computer through USB cable, but please don't switch on the GSM Elderly Guarder, otherwise, the setup will be failure;

Step5: Please setup the GSM Elderly Guarder parameters in the PC Configurator or Load Profile;

Step6: After you finished the setup, then click "Save Settings" button, the color of the "Communications" indicator will turn green from red and "Information" indicator will change slowly between red to green, the indicators at the bottom bar. Then switches on the GSM Elderly Guarder, after 2Seconds, it will alert **"Download Success!"** when the Setup successful.

Step 7: Power off the unit then remove the USB cable. Then power on the Unit to finish the setup.

If it hasn't prompted the setup successful, then means the setup is failure, please check the Com port and USB connection, then try to repeat the Step1~Step6 again.

Items	Description
Familiarity N0. 1	Please add the country code, e.g.: +86 or 0086 in China. When press the No.1 Button on the panel, the unit will call this number immediately.
Familiarity N0. 2	Please add the country code, e.g.: +86 or 0086 in China. When press the No.2 Button on the panel, the unit will call this number immediately.
Familiarity N0. 3	Please add the country code, e.g.: +86 or 0086 in China. When press the No.3 Button on the panel, the unit will call this number immediately.
SMS Alert No. 1~3	Please add the country code, e.g.:+86 or 0086 in China. When alarm, the unit will send related SMS Alert Content to these numbers one by one firstly.
SIMCARD No.	Please add the country code, e.g.:+86 or 0086 in China. This is the SIMCard number that insert in the GSM Elderly Guarder, when power on, it will register the GSM network and reset the date/time from the GSM Operator server.

Alarm Dial No. 1~5	Please add the country code, e.g.:+86 or 0086 in China. When alarm, the unit will dial these numbers one by one for 3 times if nobody answers the calling after sent out SMS. If any Alarm Dial Number answered the calling, the unit will create two way voice communications and not call the others any more.
Self-Checking Time Gap	Fill it to setup the Self-Checking Report time gap, Range: 0~240Hours. The unit will automatically send its status to SMS Alert No.1 according to this setting. When the value is 0 then means disable this function.
Password	To verify the SMS commands from the authorized users and modify new password.
Medicine Alert Timer	Fill it to setup the timer; the built in Buzzer will sound 5minutes until press the Stop button. It is useful to alert the elderly to take medicine on time. When the timer is 00:00 then means disable this function.
Watchdog zone Preset Time	To setup the watchdog zone time. Between the start time point and end time point, the detector with this type triggered will not alarm, if the detector hasn't been triggered, will make alarm. When the time is 00:00 then means disable this function.
Com Port	Select the Com port to communicate between GSM Elderly Guarder and Computer.
Save Settings	Save the settings from computer to GSM Elderly Guarder.
Read Settings	Read the settings from GSM Elderly Guarder to computer.
Save Profile	Save the settings as file to computer.
Load Profile	Load the settings from the Saved file from the computer.
Stop	Stop the communication between the computer and GSM Elderly Guarder.

Notice:

In some GSM operators they use different SMS protocols, if the unit can't return the SMS confirmation is normally. It is not product problem. Also, you can try to add the country code before the number, see the below settings:

For example:

In China, the country code is +86, or 0086.

The user cell phone number is 13500001111 and has been assigned as a SMS Alert number; the simcard number in the panel is 13512345678.

Problem 1: Alarm but the user hasn't received the SMS Alert.

Solution: Please plus the country code while you setup the 13570810254 as SMS Alert number, means setup +8613500001111 to instead of the 13500001111.

Problem 2: The user number can receive the SMS Alert message from alarm panel, but the alarm panel can not receive the commands from the user number.

Solution: Please add country code to the SIMCard number in the alarm panel. Means send sms commands to +8613512345678 to instead of 13512345678.

Solution 3: When you use cell phone dial another one, what number it will be displayed then you can set the displayed number as dial numbers; when you use cell phone send SMS to another cell phone, what number it will be displayed then you can set the displayed number as SMS Alert number, just use the "+" to replace the "00", also, you can try the "00".

6.2 Setup by SMS Commands

6.2.1 Setup the Familiarity Numbers, SMS Alert Numbers and Alarm Dial Numbers

SMS Command Format: **Password+#+T+Serial Number+#+Telephone Number+#**

The Serial Number please see the table:

Serial Number	Telephone Number
1	SIMCARD No.
2	Familiarity No.1
3	Familiarity No.2
4	Familiarity No.3
5	SMS Alert No.1
6	SMS Alert No.2
7	SMS Alert No.3
8	Alarm Dial No.1
9	Alarm Dial No.2
10	Alarm Dial No.3
11	Alarm Dial No.4
12	Alarm Dial No.5

For example, the password is 1234, and the Familiarity No.1 is 13500001111, so the SMS Content of this command to setup the Familiarity No.1 is:

> 1234#T2#13500001111#

6.2.2 Setup the SMS Contents by SMS Commands

SMS Command Format: **Password+#+M+Serial Number+#+SMS Content+#**

The Serial Number of the zones please see the table:

Notice:

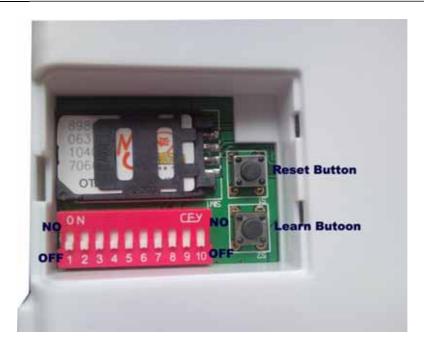*The SMS Content accept Max.63 characters, please pay attention to it.*

Serial Number	Zone Name
1	1st Watchdog Zone
2	2nd Watchdog Zone
3	3rd Watchdog Zone
4	4th Watchdog Zone
5	1st 24-Hour Zone
6	2nd 24-Hour Zone
7	3rd 24-Hour Zone
8	1st Panic Button
9	2nd Panic Button
10	3rd Panic Button
11	When AC Power Goes off for 30minutes.
12	When AC Power Goes on(Goes off more than 30minutes then goes on)
13	Backup Battery Low Voltage Alert
14	Big Red SOS Button
15	Self-Checking Report

7. Add/Remove Wireless Accessories

The Control Panel adapts learning code technology. The user can add the additional wireless detectors and panic buttons to it easily following the below instructions.

Remove the SIMCard cover, see below figure, then press the S2 button, switch on the Control Panel, after 3Seconds, the unit will alert long "Di" sound to indicate it being learning mode.

Notice:

1) *The Control Panel cannot exit the learning mode automatically, must switch off the unit then switch on again to enter the normally mode.*

2) *The Control Panel with fixed position for different wireless detectors, the positions please see below table.*

3) *The positions must be active to learning mode by switch the button from OFF to ON, and after learned the correct detector into this position, please switch the button back to OFF, otherwise the position will in learning mode all the time.*

4) *When learning one detector to the control panel, the other switches must be in OFF position.*

Zones' Attribute	Numbers on Switch	Positions
Watchdog	Switch1-4	
24-Hour Zone	Switch5-7	
Panic Button	Switch8-10	

7.1 Add the Wireless PIR Motion Detector to Watchdog zones of the Control Panel.

When the Control Panel in the learning mode, then switch the **Switch1** from OFF to ON, and trigger the PIR Motion Detector by pass though it, the Control Panel will learn the code from the wireless PIR Motion Detector automatically. When alert by long "Di----" sounds, means the wireless PIR Motion Detector was learned to the A0 Position, **please switch the switch back to OFF.** If alert by "Di Di" two sounds, then means the operation failure, please switch it back to OFF then retry again.

Switch the Switch2, Switch3, and Switch4 from OFF to ON one by one to learn the 2nd, and 3rd, 4th Wireless PIR Motion Detectors to the Control Panel.
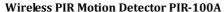
Notice:

*When the wireless PIR Motion detection is PIR-100B, please remember setup the PIR-100B to **Test Mode** while learning to the Control Panel, after learned to the Control Panel, then please setup to **Normal Mode** by change the Black PIN Jumpers in the PCB, please see the PIR-100B user manual.*

*When the wireless PIR Motion Detector is PIR-100A, or CPIR-100A, or CPIR-100B, please refer to 7.2 **Notice.** The differences of PIR Motion Curtain Motion and Ceiling motion detector are the detection areas.*

Wireless PIR Motion Detector PIR-100A

Wireless Dual-Element PIR Motion Detector PIR-100B

Wireless Curtain PIR Motion Detector CPIR-100A

Wireless Ceiling PIR Motion Detector CPIR-100B

7.2 Add the Wireless Detectors to 24-Hour zones of the Control Panel.

When the Control Panel in the learning mode, switch the **Switch5** from OFF to ON, then trigger the Wireless Detector(Usually wireless gas leakage detector and wireless smoke detector with Test button, press the Test Button can activate the wireless detectors.), the Control Panel will learn the code from the wireless Detector automatically. When alert by long "Di----" sounds, means the wireless Detector was learned to the Switch5 Position**, please switch the switch back to OFF.** If alert by "Di Di" two sounds, then means the operation failure, please switch it back to OFF then retry again.

Switch the Switch6, Switch7 from OFF to ON one by one to learn the 2nd, 3rd Wireless Detectors to the Control Panel.

Wireless Gas Leakage Detector GL-100

Wireless Gas Leakage Detector GL-100A

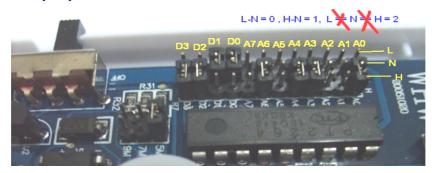**Wireless Smoke Detector SM-100**

Notice:

The Wireless Gas Leakage Detectors and Wireless Smoke Detectors with PT2262 fixed IC code, please setup its wireless code by use some Jumpers to configured it randomly is ok, see below:

1) Prepare the wireless gas leakage detector or smoke detector, removing the back cover carefully;

2) Locate the IC boards black jumpers, labeled A0-A7 and D0-D3, please see below figure.

3) Configured the A0~A7 and D0~D3 different from each wireless detectors. If configured the A0~A7 and D0~D3 are the same, the system will treat them as the same one sensor. So if you want to add more than one wireless smoke detector to Siwtch5

position or Switch6 Position please configured the jumpers as the same.

4) *Also, please check the Resistors value is 3.3M Ohm, there're 3 Jumpers, 1.5M, 3.3M, and 4.7M. if you select incorrect value, the wireless distance usually very short or cannot learn to the Control Panel.*
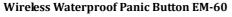

7.3 Add the Wireless Panic Buttons to Panic Button Zones of the Control Panel.

When the Control Panel in the learning mode, switch the Switch8 from OFF to ON, then trigger the Wireless Panic Button by press the button, the Control Panel will learn the code from the Panic Button automatically. When alert by long "Di----" sounds, means the Panic Button was learned to the A7 Position,**please switch the switch back to OFF.** If alert by "Di Di" two sounds, then means the operation failure, please switch it back to OFF then retry again.

Switch the switch9, Switch10 from OFF to ON one by one to learn the 2nd, 3rd Panic Buttons to the Control Panel.

Wireless Waterproof Panic Button EM-60

Wireless Emergency Button EM-100

7.4 Add the Wireless Strobe Siren to the Control Panel. (Optional Function)

In the Control Panel, we equipped a wireless transmitter for wireless Strobe Siren, the wireless code was fixed by our factory, no need to learn it any more, when alarm occurrence, the transmitter will transmit the signal to active the wireless strobe siren to sound 4 minutes. (It must be setup as enable the wireless strobe siren in the PC Configurator firstly.)

Wireless Strobe Siren SR-60

Notice:
1) *The Control Panel can support unlimited wireless strobe siren, because of the wireless strobe siren with the same wireless code in the wireless receiver.*
2) *When the AC power goes off, the transmitter of the wireless strobe siren will stop to transmit wireless signal to the wireless strobe siren, so the wireless strobe siren will not work.*

7.5 Remove wireless accessories.

After learned the wireless accessories to the Control Panel, it can be replaced by learning a new wireless detector to its position to in stand of it. If you want to remove the wireless detector in specified position, then please reset to remove all wireless detectors and re-learn the other wireless detectors again.

8. Reset to Factory Default

The control panel can be reset to the factory default by following operation: Switch off the Control Panel, then press the Reset Button (S1, nearby the SIMCard Socket), Switch on the Control Panel, about 3Seconds later, the control panel will make "Di Di Di" 3 sounds, then loose the reset button, means the reset operation successful.

After this operation, all the added wireless detectors and wireless panic buttons will be removed from the control panel, and all of the settings will be reset to the factory default.
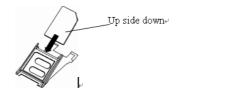
9. Installation

Before installing the Control Panel and detectors and sirens, please help to test the system firstly, including power supply, gsm signal, etc.

9.1 Insert SIMcard into Control Panel

In the backside of the Control Panel, please install the GSM SIM card . The GSM ANT must be Vertical installation to ensure it in good working condition if you use the external GSM ANT. the Control Panel cannot support external GSM ANT and internal GSM ANT at the same, so according to your condition to choose one. The external GSM ANT with big gain so that is better when the GSM Signal is not good. In the cover, we remain the external hole for the user to use external GSM Antenna, please ask the engineer to change it if you need it. The hole is at the corner and very easy to remove the shutter.

9.2 Install the Control Panel

The Control Panel should be installed in the position that person can easily touch it, and there're with a power source as well as enough GSM signal coverage. But make sure it is far away the electricity equipments, and 10meters away from the wireless strobe siren to avoid the interference.

9.3 Install the Wireless Accessories

1) The Wireless PIR Motion detectors are used for monitoring the person movement. We recommend assigning them to Watchdog Zone. So please install them in the positions where the person must pass through, like the door of the bedroom, dining room, cooking room, and washing room, etc. The effective detection area is about 8-12meters front of the wireless PIR Motion Detector, more about it please read the PIR Motion Detector user manual.

2) The Wireless Gas Leakage detector is for monitoring the gas leakage, LPG leakage. We recommend assigning it to 24 Hours Zone. So please install it nearby the gas valve or gas bottle. More about it please read its user manual.

3) The Wireless Smoke Detector is for monitoring the smoke, fire alarm. We recommend assigning it to 24 Hours Zone. So please install it in the place where easily to cause fire case. More about it please read its user manual.

4) The wireless water leakage detector is for monitoring the water leakage and flood. We recommend assigning it to 24 Hours Zone. More about it please read its user manual.

5) The Wireless Panic Button or worn waterproof is for emergency help. We recommend assigning them to the Panic Button Zones.

6) The Wireless Strobe Siren is for warning when any alarm occurrence. We recommend installing it about 10meters away from the control panel. And nearby the windows, so that when the strobe siren alarming, the outside people can see it easily. The Control panel can accept more than one wireless strobe siren.

10. Technical specifications

Parameter Item	Reference Scope
DC Power supply	Standard adapter: DC9V/1A
GSM Frequency	Quad-band(850/900/1800/1900Mhz)
SIM Card	Supporting 3V SIM Card
GSM Antenna	50 Ω SMA Antenna interface, internal.
Wireless Frequency	433.92Mhz
Worn Panic Button Transmission Dist.	60meters in open air.
Wireless Detectors Transmission Dist.	100meters in open air
Acceptable Max. Worn Panic Button	3Pcs(If not use 24-Hour zones then is 6Pcs)
Acceptable Max. Wireless Detectors	7Pcs(4 for watchdog zones, 3 for 24-Hour zones, if not use Worn Panic Button and Wireless Panic Button then is 6Pcs for 24-Hour Zones)
Acceptable Max. Wireless Strobe Siren	Unlimited (Optional Function)
Max. Distance of the Wireless Siren Transmitter	100meters in open air(Optional Function)
Backup Battery	3.7V 1200mAh Rechargeable Lithium Battery
Temperature range	-20-+60 °C
Humidity range	Relative humidity 90% (condensation free)
Exterior dimension	80mm*90mm*20mm
Net Weight	300 g

11. 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.

12.Trouble Shooting Guide

PROBLEM	CAUSE	POSSIBLE SOLUTION
GSM Module initialization failed	1) Backup battery with low voltage; GSM Module connection loose in transportation; 2) GSM Signal is too weak.	1) Please contact the AC Power; 2) Please help to take the panel to a mobile phone repairmen store, and then ask the engineer to check the GSM Module socket and the GSM Module connection; 3) Please change another position to install the alarm panel.
Automatically Restart	1) Backup battery with low voltage.	1) Please help to contact the AC Power.
False Alarm	1) PIR Motion sensor installation incorrect;	1) Please see the PIR Motion sensor installation user manual carefully.
Alarm without SMS /Dial/ No action after send SMS	1) GSM Operator communication protocol; 2) Haven't setup SMS Alert/Auto dial Numbers. 3) Caps Lock letters in the SMS.	1) Please setup the SMS Alert Numbers; 2) Please help to see the sample of setup the telephone numbers; 3) Please check the commands with CAPS LOCK and correct format. 4) Also, please help to change another GSM Operator SIMCard to test it.
Cannot call the control panel	1) Country code incorrect; 2) GSM Signal is too weak	1) Please check plus the country code, e.g.: 0086 or +86; 2) Please put the control panel in strong signal coverage area or ask the engineer to change the long GSM ANT.
Big noise while two way communication	1) Near-Cross interference; 2) GSM Signal is too weak.	1) Please make sure the other phone is more than 500meters away from the control panel; 2) Please put the control panel in strong signal coverage area or ask the engineer to change the long GSM ANT.

The End!

Any questions please help to contact us feel free.

Email Us: Sales@Kingpigeon.com.cn

Http://www.GSMalarmsystem.com   Http://www.KingPigeon.com.cn