
Wireless Alarm System



User Manual

This user manual has been specially designed to guide you through the functions and features of your wireless alarm system.

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At a glance

The hassle-free Wireless Alarm System for commercial and home use is built on leading microprocessor technology with advanced GSM digital signal processing power. It is a highly integrated system of digital speech, mobile messages, multiple modes of wireless coding, long-distance home appliances controlling, SMS Messages identification and other technologies. When alarming, it will automatically notify users via mobile network about the possible break-in using either voice calling or SMS messaging. It is stable, reliable and safe. With its user-friendly design and without the need of fixed telephone network, it can be widely used in different locations including shops, offices, villas, residential estate, to name just a few. It is an ideal choice to protect your properties and personnel safety.

1.1 Features

- APP controller available for both IOS & Android.
- 12 wireless zones, including two 7*24 armed zones.
- Support up to 6 pre-set SOS numbers for alarm info.
- 3 different alert ways: Dialing, SMS, Dialing + SMS
- 3 different control methods: APP, SMS, Dialing
- Emergency alert button (SOS)
- Two way communications (need an extra speaker).
- Voice prompts for operation
- Support 10 second personalized voice message recording
- SMS notification for AC power failure & recovery
- Built-in 1000mAh backup battery

1.2 Specifications

Wireless frequency	433.92MHz
GSM frequency	850/900/1800/1900MHz
Operation Temperature	-20°C-60°C
Working Humidity	≤95%
Response time of data processing	≤8 seconds (GSM status isnormal)
Power details	Power voltage: AC 220V 50Hz/60Hz

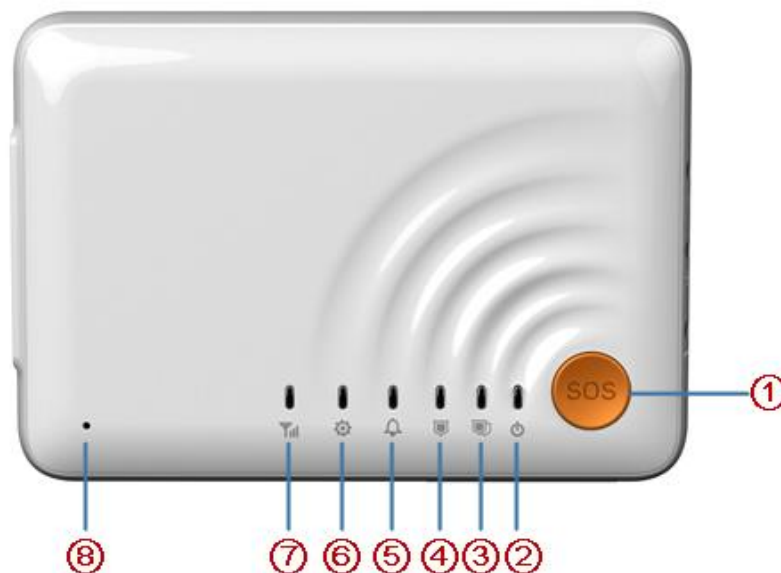
	Backup battery: DC 7.4V/1000MA
	Backup time:≥10 hours
Voice recording time	10 seconds

1.3 Inside the box

Check your product box for the following items:

- Control panel * 1
- Wireless PIR motion detector * 1
- wireless window/door sensor * 1
- Wireless remote control * 2
- Siren * 1
- Adaptor * 1
- User manual * 1

2. Overview



① SOS button

Press and hold the SOS button for 3 seconds on the control panel will trigger

emergency alarm.

② Power indicator

When AC power is connected, the indicator is ON; or indicator is OFF.

③ Arming indicator

When all zones are in armed status, the indicator is ON; or indicator is OFF.

④ Parts of zones arming indicator

When parts of zones are in armed status, the indicator is ON; or indicator is OFF.

⑤ Alarm indicator

When there is alarm triggered, the indicator is ON and slows flash.

⑥ Setting indicator

The indicator will flash every 2 seconds when the device is in setting status; it will be off if terminates operation on the device.

⑦ GSM signal indicator

The signal LED flashes with 1 second interval for checking the GSM signal. When GSM status is normal, it becomes slow flashing.

⑧ Microphone



- ① Power input
- ② Charger and USB port
- ③ Siren port



- ① Voice button
- ② Setting button
- ③ Learn button

3. Getting Started

3.1 Install SIM Card

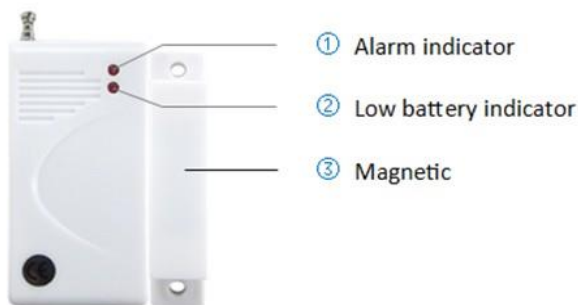
1. Make sure the power is off before installing or replacing the SIM card and battery.
2. Put the SIM card into tray according to the correct direction.
3. Make sure there is enough credit on the SIM card.

3.2 Connect with Siren

Connect siren to the siren port of control panel.

3.3 Install Wireless Window/Door Sensor

1. The surface for window/door sensor installation should be clean so door sensor can be attached to the door and frame firmly with twin adhesive.



2. Each window/door sensor is a pair of sensor and magnet. The sensor should be installed on the fixed door frame and the magnet should be placed on the movable door with a distance not exceeding 1 cm.



3.4 Install PIR Motion Sensor

Kindly refer to the PIR motion sensor user manual for details.

3.5 Start up

Connect with AC power and turn the ON/OFF button at back side to ON position. All indicators of Control Panel are on if everything of host runs well; it will be in normal status after 20 seconds.

Note: The GSM signal light is always on or off represents signal failure.

4. Personalize alert voice record

Press the Voice record button, it can record personal voice message for 10 seconds after one Beep is heard. Two beeps will be heard once the function is set up. It would be better to record the address as the content of voice message. For example, "This is an automatic calling from a home alarm system at address XXXX, please come for assistance as soon as possible".

5. Functions and Commands Reference

5.1 Set SOS number

a. Add SOS number

Only preset SOS numbers are authorized to control system.

Any telephone numbers can be set as SOS numbers, the command as follows:

```
SOS,A, alarm code,phonenumber,phonenumber,phonenumber,phonenumber,phone number phone number,#
```

(Alarm code: 1 for Auto-dial alarm , 2 for SMS alarm , 3 for Auto-dial + SMS alarm, the default alarm is Auto-dial + SMS alarm)

For example : 6 telephone numbers set as SOS numbers, the alarm mode is Auto-dial + SMS alarm, the command as follows: :

```
SOS,A,3,35106xxxx,35116xxxx,36126xxxx,36126xxxx,35106xxxx,35106xxxx#
```

If only need to add a SOS number, just add corresponding sequence number with A.

For example:

```
SOS,A1,3,35106xxxx# --Set the first SOS number, alarm mode: Auto-dial + SMS alarm.
```

```
SOS,A2,2,35116xxxx# --Set the second SOS number, alarm mode: SMS alarm.
```

```
SOS,A4,1,36126xxxx#--Set the fourth SOS number, alarm mode: Auto-dial alarm.
```

b. Delete SOS number

Delete preset SOS numbers, the command as follows:

```
SOS,D,sequence number 1, sequence number 2,sequence number 3, sequence number
```

4, sequence number 5, sequence number 6#

D indicated Delete.

For example:

SOS,D,1#--Delete the first SOS number.

SOS,D,5#--Delete the fifth SOS number.

SOS,D,1,5#--Delete the first & fifth SOS numbers.(Delete more than one number at a time)

SOS,D,phone number# --Delete the SOS number (in case you don' t remember the sequence number, you can send the command to delete SOS number)

For example:

SOS,D,62366888# .

5.2 Arm / Disarm

a. Arm via SMS: send SMS "ON#" via SOS number.

b. Disarm via SMS: send SMS "OFF#" via SOS number.

c. Arm via Dialing: when the alarm system is in disarm status, the preset SOS numbers can dial to alarm system, it will turn to arm status if hang up in 5 seconds; when the alarm system is in arm status, the preset SOS numbers can dial to alarm system, it will turn to disarm status if hang up in 5 seconds.

5.3 Parts of zones Arm / Disarm

When zones are in parts of zones arm status, they are only controlled by SMS.

The command as follows:

ON,zone number#

For example: if arm more than one zone, the command with ON,01,02,03.....10# would be sent by SOS numbers to the device.

(", " should be in English and no space before and after the command)

Quit from the aratus, the command with OFF,zone number# would sent by SOS number to the host, like OFF,01,02,03#

5.4 Modify the name of zones

Command format: DM,2-digit number of zone,new name of zone#

For example: if change the name of No.6 zone to "infrared alarm", the command should be : DM,06,infrared alarm#

Note: "name of zone" should be within 20 characters

"2-digit number of zone" ranges from 01-12

"11" represents Emergency Zone

"12" represents Fire Zone.

5.5 Modify the installation address

Command format: **AD,defined address#**

5.6 Change language

Command format: **L,number#**

Note: the numbers are 1 & 2.

1 for Chinese; 2 for English.

5.7 HOME Mode arming / disarming

HOME Mode arming can be set as follows:

Command: **HOME,zone number#** --Zones in home mode

Command: **HOMEON#** -- home mode arming

Command: **HOMEOFF#** -- home mode disarming

For example: "HOME,01,02,03#" represents zones 01 , 02 , 03 are in home mode.

Note:10 zones range from 01-10, multiple zones can be set at home.

5.8 Whether to send SMS of remote control

Command: **CTRON#** -- need to send SMS of remote control

Command: **CTROFF#** -- no need to send SMS of remote control

Note: the default setting is no need to send SMS of remote control.

5.9 Set delay time and siren duration

Command: **ALM,delaytime,siren duration#**

Delay time: 0 second ~ 240 seconds; siren duration: 10 seconds ~ 300 seconds

For example: **ALM,30,90#** (Default parameters) means entering arming status with 30 seconds time delay, the siren duration is 90 seconds.

5.10 Restore to factory default

Command: **RESTORE#**

Device will auto restart in 30s.

5.11 Reboot device

Command: **REBOOT#**

Device will auto restart in 30s.

5.12 Check control panel status

Command: **STATUS#**

5.13 Check SOS list

Command : **SOSQ#**

5.14 Check firmware version

Command: **VERSION#**

5.15 Check IMEI number

Command: **IMEI#**

5.16 Operation of super user

The non-SOS numbers of superuser can send command to remotely control the host with command format: **password,command#**

For example:

Send a command **1234,ON#** to device to set arm mode.

Command of modifying password: **old password,PWD,new password#**

For example:

Send a command **1234,PWD,88888#** to device to set new password. The new password is 88888 with the length of 4-9 digits.

6. Remote control via Telephone

Dial into the alarm panel by using preset SOS numbers can carry out voice monitoring remotely. 10 seconds after connected with control panel, voice monitoring starts automatically as well as prompt tone begins, you will hear two beeps after pressing [*] button, it means the device is entering setting status.

*All buttons on phone must have prompt tone for confirmation, otherwise the user should repeat this operation again.

If you want to delete the number (before pressing[#] button), press[*] button on your phone. After pressing [#], two beeps will be heard to remind the user the setup is finished.

Settings are as follows:

1 . Set SOS number

“**SOS sequence number+ alarm code + SOS number + #**”. SOS sequence numbers are 1,2,3,4,5,6.

For example: “**12623688#**” , means set 623688 as the first SOS number, the alarm type is SMS alarm. Two beeps will be heard if setup is successful.

2. Delete SOS number

"SOS sequence number+#" , means delete the SOS number (sequence number).
For example: "2#" means delete the second SOS number.

3. Change alarm mode

"8+ SOS sequence number+alarm type+#"

SOS sequence numbers are 1,2,3,4,5,6.

Alarm type: 1 for Auto-dial alarm , 2 for SMS alarm , 3 for Auto-dial + SMS alarm.

For example: "823#" means change the alarm mode of second SOS number to Auto-dial + SMS alarm.

4. Modify password

"7+4-digit password+#"

For example: "74321#" means change password to 4321.

5. Whether to send SMS of remote control

"91#" Need to send SMS of remote control

"92#" No need to send SMS of remote control


6. Quit from setting


If the setting is finished, do not press any key button, the host will quit from setting automatically, and the setting indicator will be off with two beeps heard, meanwhile relevant content will be sent to the first SOS number


7. Quick Operation Instructions

1. Arm / Disarm via Remote Controller


Press the Learn button, two beeps will be heard to remind the user entering studying status; press any button of remote controller, one beep will be heard to indicate the host can receive signals from remote control. The user will get a message when learned operation of remote controller.

Arm : Press [] button, one beep will be heard, all zones will be in armed status, armed status indicator ON.

Disarm : Press [] button , one beep will be heard, all zones will be in armed status, armed status indicator OFF.

HOME Mode Arming :press [] button ,one beep will be heard, the preset zones of home mode will be in armed status, parts zones arming indicator ON.

2. Emergency Alert

Press [] button of remote controller or host, then the device will enter emergency alarm status immediately, the siren will be hoot, meanwhile the device will send alarm info to the preset SOS numbers.

3. External power failure alarm

When AC power is disconnect, the device will send a message “external power failure alert” and continuously dial the preset numbers for 3 times.

When AC power is recovered, the device will send SMS “power recovered” to the users.

4. Receiving Alert on Telephone

After Panel alerts, it will automatically dial all preset telephone numbers in sequence. Also, the siren will hoot for 90 seconds, and the host will send SMS contains “the name of zone” to the users automatically.

When the user picks up the phone, a piece of pre-recorded voice message will be played back immediately and let the receiver noted about the event. The Panel will continuously dial the next phone number for alerting until someone picks up the call. Each phone number preset will be tried for three times. Upon receiving the call, it can also control the alarm panel remotely via the phone (according to the command below).

[0] key: disarm

[1] key: arm

[2] key: home mode arming

[3] key: siren ringing

[4] key: siren closed

[5] key: remote recording [*] key: into setting status

Note: The host is in arming status when in voice monitoring, if detectors are triggered, the host will receive signals at once.

5. Voice Monitoring

Dial into the alarm panel by using preset SOS numbers can carry out voice monitoring remotely. 10 seconds after connected with control panel, voice monitoring starts automatically.

Operation is as follows:

Press "0" disarm,

Press "1" arm,

Press "2" STAY arm,

Press "3" alert open,

Press "4" alert closed,

Press "5" remote recording,

Press "*" control panel enters setting status.

Hang up the phone to terminate the operation.

8. Safety Precautions

1. Do not allow your device to get wet—liquids can cause serious damage and will change the color of the label that indicates water damage inside the device. Do not handle your device with wet hands.
2. Avoid installing or storing the control panel in dusty, dirty areas; do install it in a hidden area, you also pay attention to the signal of device.
3. Make sure to always turn off the power before installing or replacing the SIM card and battery.
4. Firmly stick the charger and ensure it is in optimal heat dissipation.
5. The control panel needs 20 seconds after power on before READY for normal operation.
6. Replace the batteries in the units periodically. There are batteries in the Door Sensors and in the PIR Motion Sensors.
7. Do not install the PIR Sensor near any device which emits heat or cold, such as televisions, computers or other electronic equipment which generates heat as a by-product of operation.
8. Do not put the alarm control panel near large-scale metal objects or household appliances with high-frequency interference.
9. Regular check the SIM card (e.g. the balance, the signal, etc.).
10. Test the alarm periodically (every 1-2 months and each time you charge the batteries) to ensure it is working properly.
11. All components are for indoor use only; do not install outdoors.

9. About Zones

There are 12 zones in total, including 1 Emergency Zone and 1 Fire Zone.

10. Code Hopping

Product name		Wireless address code A0 ~ A7 (1 ~ 8)	D0 (13)	D1 (12)	D2 (11)	D3 (10)
Control panel		Manufacturing number (from right to left) A0 ~ A7	--	--	--	--
Remote control			--	--	--	--
Wireless accessories	Zone 01	INTELLIGENT SECURITY ALARMSYSTEM Rated Voltage: 9-12V DC Rated Current: ≤300mA Model: _____ Wireless add: 0 1 2 2 1 1 0 2 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ Date: _____ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ A7 A6 A5 A4 A3 A2 A1 A0	1	0	1	0
	Zone 02		0	1	1	0
	Zone 03		1	1	1	0
	Zone 04		1	0	0	1
	Zone 05		0	1	0	1
	Zone 06		1	1	0	1
	Zone 07		0	0	1	1
	Zone 08		1	0	1	1
	Zone 09		0	1	1	1
	Zone 10		1	1	1	1
	Emergency defense zone		0	0	0	0
	Fire defense zone		1	1	0	0
	Note : A0 ~ A7 (wireless address code) and D0 ~ D3 (zone number setting) use jumper or solder to connect, when "N" and "H" jumper to "1" and "N" and "L" jump to "0" , both sides won' t turn to "2" .					

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