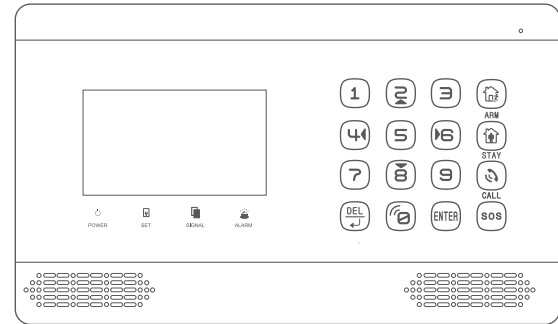


Wi-Fi + GSM Intelligent Alarm System

— Quick Guide —



Safety Overview

Before using, please understand the following safety precautions to prevent product damage.

- ◆ Use the correct power supply, specifications: 12V/1.2A current.
- ◆ Professional equipment installation, to avoid wiring errors leading to damage to the host.
- ◆ Do not squeeze the touch keyboard and display area.
- ◆ Do not use in humid environments.
- ◆ Do not operate in flammable and explosive atmospheres.
- ◆ Keep the product surface clean and dry.
- ◆ Keep proper ventilation.

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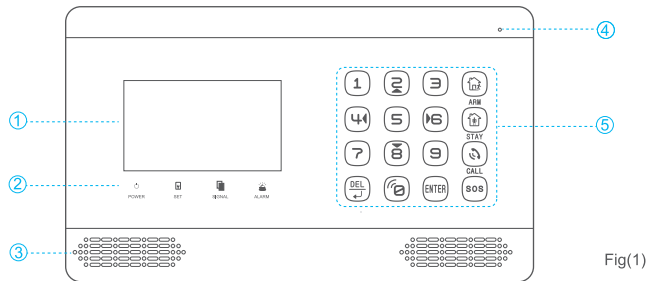
I Product Introduction

Wi-Fi+GSM intelligent alarm system is a power alarm system composed of host and accessories. Host is the core of the system, the accessories sends signal to the host when being triggered, the host issues an alarm sound to frighten intruder, and through the network or SIM card to alarm. Host can remotely control, monitoring, intercom and other operations.

Features

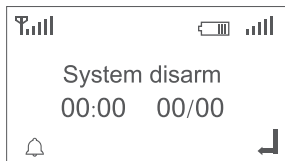
- Using Wi-Fi (IEEE 802.11b/g/n standard) and GSM dual network alarm technology.
- LCD display and capacitive touch buttons for more direct and convenient operation.
- Learn 8 wireless remote controls.
- 10 wireless zones (80 detectors) and 2 wired zones.
- Each zone can be armed independently, supporting accessories alarm/low voltage / tamper alarm and SMS alerts.
- 6 calls alarm, 3 SMS alarm can be preset.
- Supports mobile APP (Android and Iphone) operations.
- With 1 relay alarm linkage output, 4 wireless home appliances control.
- Timing arm and alarm, alarm delay, alarm time can be reset.
- Remotely arm, disarm, monitor, intercom and other functions.
- 30 alarm records can be checked.
- Built-in high-capacity lithium battery, is also operational when external power failure.

II Understanding of Product



Fig(1)

① Display: resolution 128X32.



Fig(2)

Pattern	Name	Description
	GSM signal	Flashing means no SIM card / signal strength.
	Power	Charging complete displaying the power plug icon.
	Wi-Fi signal/ Network state	Flashing indicates not connected to the cloud service;
		Increment indicates: fast network mode
		Decrement indicates: manual access mode

	Only two Wi-Fi signals	Indicates that only the LAN is connected.
	Time Date	Hours - Day - Minutes
	Alarm information query	The screen displays this icon as alarm messages that are not viewed.

② Status indicator









Name	Status	Description
Power	Normally on	External power on
	Flashing	External power off
Set	Normally on	Arming
	Breathing blink	Home arm
	Off	Disarm
Signal	Flashing	Received valid RF signal
Alarm	Fast flashing	Alarm

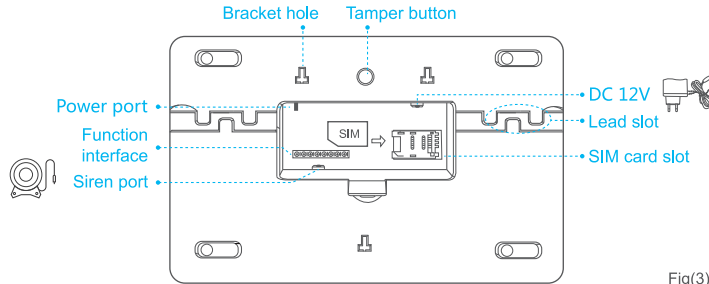
③ Intercom speaker

④ Microphone

⑤ Touch keypad area

Button icon	Name	Key descriptions
	Away arm	When you leave home, press to make the host enter the security alert state.
	Home arm	Some people at home, the host is in a state of security alert, it will not trigger the alarm. Only an illegal intruder will trigger an alarm.
	Dial	In disarm state, input the phone number then long press this key to dial.

	SOS	long press for emergency alarm	
	Enter / Disarm	<ul style="list-style-type: none"> • Short press the 0 key and confirm key to enter the SOFTAP mode. • Operating password(default 123456)+disarm key to disarm 	
	0 / network access	In standby mode, long press this button to select the network mode	
	Clear / Back	<ul style="list-style-type: none"> • When there is an inputting error, could clear the contents • In disarm state, short press to view the alarm record. • When you enter the menu settings, press this key to return to the previous step 	
	Up		Left
	Down		Right



Fig(3)

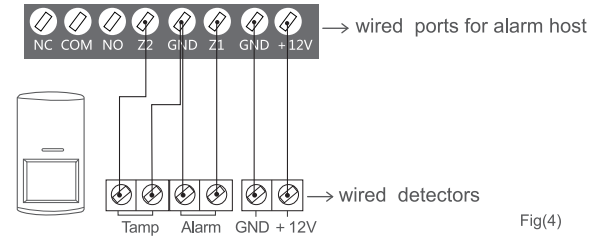
• Host function interface description:



1	NC	Relay output off end, alarm: off
2	COM	Relay output common
3	NO	Relay output normally on, alarm: off
4	Z1	Wired zone 1 input, support normally on, normally off probe
5	GND	Grounded
6	Z2	Wired zone 2 input, support normally on, normally off probe
7	GND	Negative electrode
8	+12V	Positive (uncontrollable)

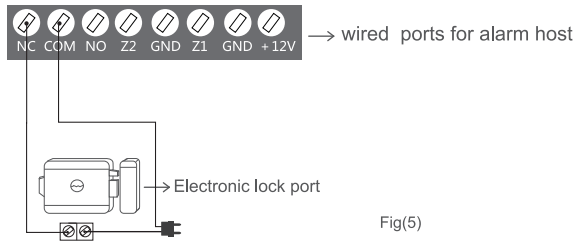
• Host function interface application diagram:

1. Wired PIR: users need to connect wired PIR alarm (tamper) output to the the Z1, GND of host, and respectively connect wired PIR GND, +12 V side to the host's GND, +12 V. (for reference only)



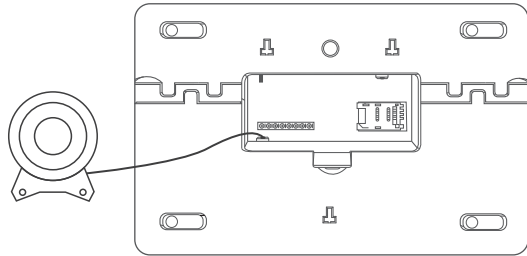
Fig(4)

2. Electronic control lock: the user needs to connect the one end of the power supply output of electric control lock to the NC, the other end to the COM. (for reference only)



Fig(5)

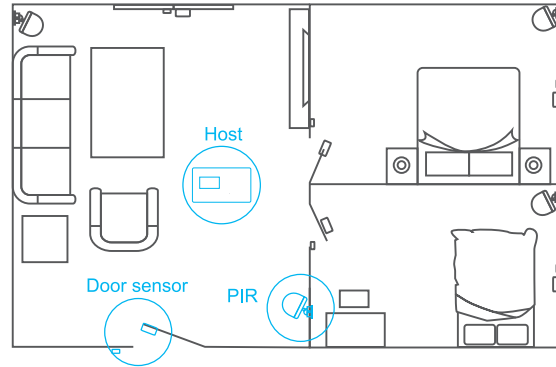
3. Wired siren connection diagram:



Fig(6)

Installation

The host should be installed in the center of the alarm place for the best receiving result from all wireless detectors. Note that the host installation should be as far as possible away from large-scale metal objects or household appliances with high-frequency interference, while keep away from the reinforced concrete walls and fire doors and other shielding materials.



Fig(7)

Note:

1. Host installed in the center of the defense area.
2. Door sensor can be installed on the doors, windows, drawers etc.
3. PIR detector has 120 degree sector region, installed 2 meters above the ground, where human active and easily being intruded.

IV Preparation Before Use

1. The right to start the host is very important, it will be related to the normal operation of the host and service life.

GSM:

- 1 Must install the SIM card when the host is powered off.
- 2 Connect to the power, turn on the main power switch, enter the initial state.
- 3 Wait for the host to register the network, after registered successfully, the GSM signal icon on the display always shows.
- 4 Wait for the host time information to be updated and start up. (if not updated for a long time, then reboot)

WiFi pairing:

- 1 The first step: download the mobile APP, register with a E-mail account, login the account, click the plus button on top right corner ⊕ .
- 2 Please make sure that the phone is connected to Wi-Fi.
- 3 Select to enter SmartLink mode (Wi-Fi connection mode), enter the Wi-Fi password.
- 4 Long press "🔗" key , the host beep twice, the signal on the top right corner of home screen become stronger, indicating it's searching network,click confirm on the mobile phone APP to complete the matching host. The signal tower changing indicating the signal strength of Wi-Fi connection, the host long "Beep" sound, signal tower become weaker showing entering SoftAP mode (WIFI connection mode).

2.Download App

Android:Search "S-HOME" from Google, to download APP

IOS:Search "S-HOME" from APP Store, to download APP

You can also scan code on download.



Note: Only applies to Android version 4.0 and above
(Please use the mobile browser to scan)

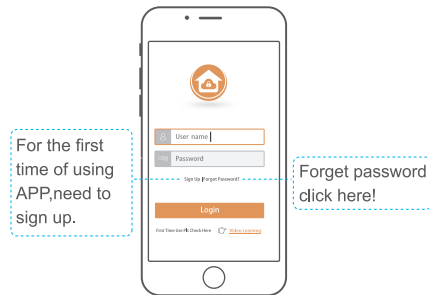


Note: Only Applies to IOS version 8.0 or above

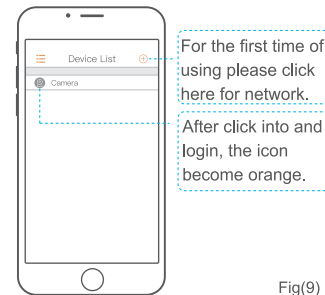
Fig(8)

3.APP Operation

1.User login



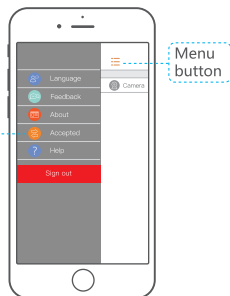
2.Enter the device list



Fig(9)

3. Get Help

When the host is connected to the network, it can scan the QR code and add it directly to the host.



4. Control Interface

Add the appliance switch button; please follow the APP prompts, first set the icon, and then enter the name you want, click next, observe the device's light.

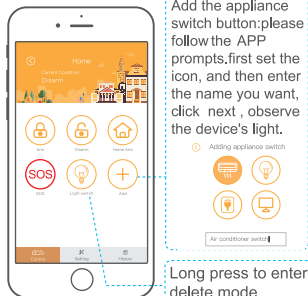


Fig (10)

V Daily Use And Maintenance

1. Remote control quick arm & disarm:

Press the button on the remote control, the host will enter the state corresponding to the button.

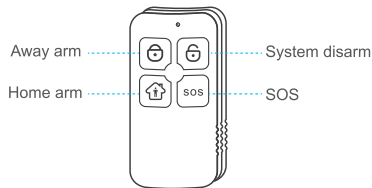


Fig (11)

2. Phone connected operation

Once the host alarms, siren immediately issued a warning sound; at the same time automatically dial the default phone (phone) for voice alarm. When the call is not answered, the host will automatically dial the next group of phone number, looping through all the preset phone numbers three times.

If the dialed telephone has answered and turned off the siren, the telephone handset immediately transmits an alarm message and repeats the alarm zone number. At this point, press the phone (cell-phone) keypad, you can achieve different functions:


Direct hang up: The host loops all three times for all calls.

Press [1 #]: the host stops the alarm, and arm; host no longer call.

Press [2 #]: the host stops the alarm, and disarm; host no longer call.

Press [3 #]: the host will turn off the siren and to monitor the spot for 60s. to check if there is abnormal sound or thieves invasion at home.

Press [4 #]: start the intercom function for 60s, then exit the intercom until the next command.



When the system receives the wrong instruction, the system will play the alarm message, and will turn off the intercom, for intercom, please re-enter **[4 #]** .

3. Remotely control

By phone (cell-phone) to dial the phone number corresponding to the alarm host SIM card, the phone handset to hear long "beep". Meanwhile, input the password, if the password is right, the receiver will hear the "beep". If the password is wrong, the receiver will hear the "beep""beep""beep""beep", please input the password again. (the system will hang up the phone when the password is wrong for three times.) After

entering the remotely control operation, users can remotely operate the host through the telephone keypad.

Press the [1 #]: to arm the host.

Press [2 #] to disarm the host.

Press the [3 #]: Live monitor, monitor the home if there is abnormal sound or thieves invasion.

Press [4 #]: start the intercom function, until the next command to exit the intercom.



When the system receives the wrong instruction, the system will broadcast the alarm information, and will shut off the intercom. If you want to listen to the intercom please re-enter [4 #].

4. SMS control

Send text messages to control the host: ① operation password 123456 # 1 #:away arm; ② 123456 # 2 #:disarm; ③ 123456 # 3 #:home arm.

5. Check the alarm records

Host can save 30 alarm records. When the alarm record exceeds 30, the earliest alarm record will be deleted automatically. Alarm records checking method: in the disarmed state, short press [DEL] to enter the alarm record checking. Press 4 or 6 to scroll through the page. Press the [DEL] button to exit the checking status. In the checking status, if there is a alarm situation, the system will automatically exit the checking state, and enter the alarm state. The diagram is as follows:

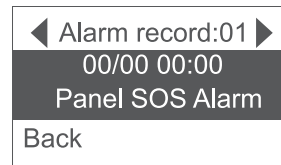


Fig (12)

6. Remote checking of host status

The user can check the current status of the host anytime and anywhere via SMS command. Method: send 123456 # 61 # to the SIM card number within the host. reply message contents will be:

-->The system status: disarm

-->The system status: arm

-->The system status: home arm

7. Factory reset

When the user forgets the password, you can enter the command: 95175308246 in the standby status (non-alarm state, non-remote control state) of the system, then press [ENTER]. The host displays: "Restore default password, please wait". graphic as follows:



Fig (13)

8. System check

Although the alarm system is used every day, it must also be regularly maintained and tested, in order to ensure the alarm system is stable, reliable and of safe operation. usually, the alarm host should have a comprehensive detection in every three months, the detector should be tested in every month, at least once every three months.

Host detection:

1. whether the host could normally arm and disarm
2. whether host could normally dial out in GSM network when alarm.
3. Whether host Wi-Fi signal indication is normal.
4. whether the host could normally receive the detector signal or back-up battery and whether the backup battery is normal.

Probe detection:

1. Manually trigger the detector, check whether the alarm is normal.
2. Check the battery of all detectors to see if the voltage is low.
3. Test the launch of the wireless detector to see if it can communicate with the host.

VI System Troubleshooting

Symptom	Possible cause	Solution
No network detected	Is the SIM card installed or not?	Reload
	Is the PIN set on the SIM card?	Cancel
	Is the mounting position of strong signal enough to accept the signal?	Change the mounting place
Can not alarm	Whether coding is normal or the code is successful?	Confirm the correct code, and then re-code
	Whether the probe is of enough power to launch?	Replace the battery
Can not dial the phone	Is the mobile signal strong enough?	Change the place
	Is your cell-phone topped-up?	Check and top up
	Check if the phone number is set correctly	Reset
Siren does not ring	Is the siren of good contact?	Examination
	Is the zone muted?	Reset
Can not be remotely controlled	Is the remote control password input correct?	The original is 123456
System false alarm	Whether paired with other detectors?	Re-code

VII Technical Parameters

Power supply	AC = 110-240V ± 10% DC = 12V (built-in lithium rechargeable battery)
Standby current	<180mA
Alarm current	<450mA
Wi-Fi frequency range	2.412GHZ-2.484GHZ
Wireless standard	IEEE 802.11 b / g / n
Wireless reception frequency	433MHz ± 0.5MHz
GSM band	850/900/1800 / 1900MHz 4 bands
Wireless reception sensitivity	5mV / m
Anti-interference strength	1V / m (frequency range 20-1000 MHZ)
External alarm horn sound strength	110db
Working environment	temperature, -10 °C~+40°C, relative humidity ≤ 90% no condensation
Configurable wireless device capacity	8 remote controls, 80detectors

VIII Packing List

Host ×1	Wireless door sensor ×1
Siren ×1	Wireless infrared detector ×1
Rechargeable battery ×1	User Manual ×1
Remote controls ×2	Power adapter DC12V / 1.2A ×1
Quick operation diagram ×1	

IX Storage&Transportation

Storage conditions: temperature -10°C ~ +40°C, relative humidity less than 90%, ventilation, non-corrosive objects, the standard carton, stacking layer is less than 6 layers.

Transport conditions: stacking layers less than 6 layers, avoid shock in handling process , other appropriate conditions are as above.