

Smart Security System

User Manual Book

version 2.0

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DO THIS FIRST.

Things to be Noted Before Getting Started

This guide is for:

Hub cellular model (Hub 2G model, Hub 4G model)
Hub cellular + Wi-Fi model (Hub 2G+Wi-Fi model, Hub 4G+Wi-Fi model)

Please check the following conditions for a successful set-up:

- If using 4G SIM card, make sure the 2G network of your wireless service provider is still available in your country. You should purchase the hub with 4G cellular communicator if the 2G network is unavailable.

The followings are for hub cellular + Wi-Fi model only.

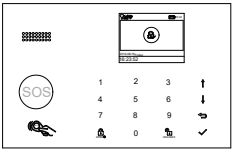
- You should select a 2.4GHz Wi-Fi network. The hub does not support the 5GHz Wi-Fi. Select the 5GHz band instead of the 2.4GHz band is the most common mistake when setting up the hub for the first time.
- Your Wi-Fi password must not contain space or other special characters.
- Place your hub as close as possible to your router when setting up.
- A slow network speed will also affect the performance of your hub. It is recommended to have an upload speed of at least 2Mbps or faster.
- Make sure that the AP isolation setting in your router is disabled.

What You Need

To set up and use Alarm System, you'll need an iPhone or Android phone, the Smart Security System app, an unused indoor power outlet, a regular SIM card supporting 2G/GSM(for 2G version) or 4G network (for 4G version), and a Wi-Fi 802.11 b/g/n(2.4GHz) network connection (Hub cellular + Wi-Fi only).

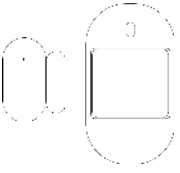
MEET YOUR ALARM SYSTEM.
How the Alarm System Works



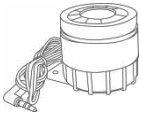


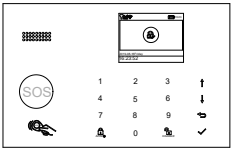
The hub receives the command and enters “Armed” mode.

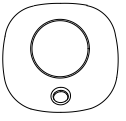
Arm the system by the remote, RFID tag, the ARM button of hub or the APP.



When a Door/Window Sensor detects a door/window is being opened, the sensor sends a signal to the panel letting the hub know that there has been an intrusion.

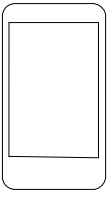






The hub internal siren sounds at 85dB on-site, and an optional external siren sounds at 100dB.

When an optional external wireless siren has been placed there will be a signal to be sent to the siren.



The APP lets you know what’s happening at home, anywhere, any time.

The hub sends a push notification and text message to your phone when a sensor is triggered if you enable the notification function located in your app settings. After that the hub will also make phone calls to each preset phone numbers.

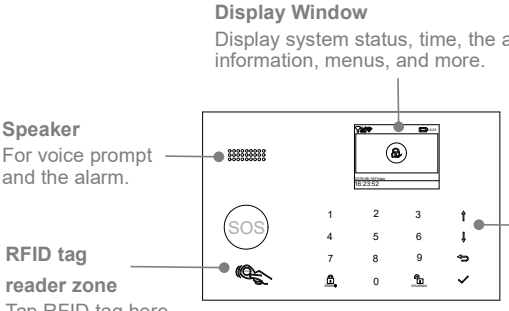
Getting to Know Your System

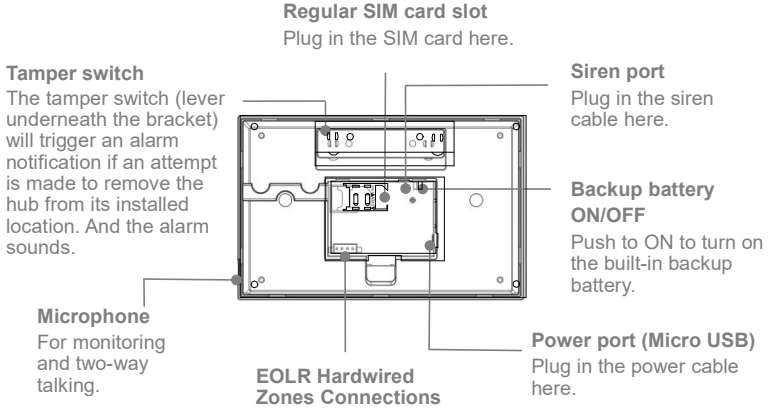
The hub cellular+Wi-Fi model is a dual network system that utilizes both Wi-Fi and cellular(GSM/4G).
All sensors are wirelessly connected to the hub. In the event of alarm activation, for example, when a sensor is triggered, a push notification will be sent and an alarm call will be made automatically to all registered users.
The system can be controlled on-site by the remote tag supplied, or remotely from anywhere with our free dedicated mobile application.
The system can connect with up to 100 wireless sensors, 10 remote tags and 10 RFID tags.

Smart Hub

Alarm, display, keypad and the brains of the system

Overview





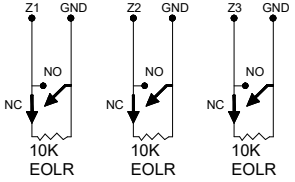
Hardwired zone connections

Zone 1, Zone 2 and Zone 3 are the EOLR supervised zones that supports both open circuit and closed circuit devices and has a response time of 300msec . Maximum zone resistance: 11000 ohms,plus EOLR

Connect closed circuit devices in series in the high (+) side of the loop. The EOL resistor must be connected in series with the devices, following the last device.

Connect open circuit devices in parallel across the loop. The 10000-ohm EOLR must be connected across the loop at the last device.

Refer to the Hardwired Zones Connections diagram.



the Hardwired Zones Connections Diagram

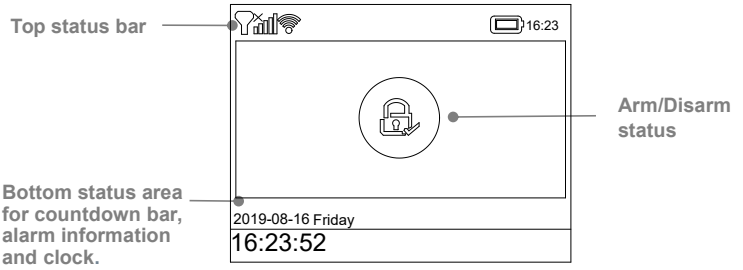
Important:

EOLR(End of Line Resistor): If the EOLR is not at the end of the loop, the zone will not be properly supervised, and the system may not respond to an open circuit on the zone.

Go to **Main Menu>Parts>EOL Zone** on your hub to set the type and mode of three wired zones. The number of three zones are set as 100, 101 and 102 in default.

Home screen

Your home screen may look different if you use another version of hub.



Status bar

The icons in the status bar at the top of the screen shows information about the hub.

	What you see	What it means
Cellular network		No SIM card inserted or SIM card faulty
		Shows that your carrier's cellular network is available in case of white bars. More bars means stronger signal. The bars are gray if not registered with cellular network.
Wi-Fi network (Cellular+Wi-Fi model)		Shows that the system is connected to a Wi-Fi source and the signal strength when it is shown in white. More bars means stronger connection.
		Shows that the hub has a Wi-Fi Internet connection when dot is shown.
SMS		Text message sending
Call		Calling
Lock keypad		The keypad is locked
Power		AC powered, and the progress bars shows in case of charging.
		Shows the battery level when the system has lost AC power. The icon is red when the backup battery power is low.

Arm/Disarm status

Here's the Arm/Home Arm/Disarm status of system.

What you see	What it means
	System is **AWAY ARMED**.
	System is **HOME ARMED**.
	System is **DISARMED**.

Alarm information

Display what happened in case of alarm.

Countdown bar

Clock is shown without countdown process.

What you see	What happens and what you should do
Please exit	You now have xx seconds to leave home before the **Exit Delay** expires. When **Exit Delay** is completed, the alarm system is armed.
Please disarm	You must disarm the system before **Entry Delay** expires, or an alarm will go off.
Synchronizing	You must active the wireless transmitter to be paired before the paring delay expires.

Quick view of menu features

Your icons may look different if you use another version of hub.

Icon	Item	What you can do with it
	**Menu**	
	**Settings**	
	**Delay**	
	**Exit Delay**	Adjusting Exit Delay[1](0~65535 seconds, default: 40)
	**Entry Delay**	Adjusting Entry Delay[1](0~65535 seconds, default: 30)
	**Siren Duration**	Adjusting Siren Duration(0~65535 minutes, default: 3)
	**Switch**	Turn on/off features
	**Arm Beep**	Turning arm and disarm beep[2] on or off(default:on)
	**Siren**	Turning alarm continuous siren on or off when an alarm occurs. (default:on)
	**Arm SMS**	Turning SMS notification on or off when the system is armed or disarmed (default:off).
	**Keypad Lock**	Turning touchscreen lock[3] on or off(default:off)
	**Backlight**	Turning touchscreen backlight[4] on or off(default:on)
	**Keypad Tone**	Turning operation chime on or off(default:on)
	**Delay Tick**	Turning exit and entry chime on or off(default:on)

	**Human Voice**	Turning Human Voice[5] on or off(default:on)
	Door/Window Open Warning	Turning warning notification on or off if you leave a window or door open and arm (default: on).
	**Password**	
	**System**	Changing System Code[6](4 digits, default: 8888)
	**User**	Changing User Code[7](4 digits, default: 1234)
	**Language**	Language Selection[8](default: English)
	**简体中文**	
	**English**	
	**Deutsch**	
	**РУССКИЙ**	
	**Español**	
	**Polski**	
	**Italiano**	
	**Français**	
	**Português**	
	**Ελληνικά**	
	**Română**	
	**Initialization**	Resetting to factory defaults[9]
	**Phone**	
	**Call-Phone Number**	Setting the Phone Number for call in case of alarm
	**SMS-Phone Number**	Setting the Phone Number for text message in case of alarm
	**Log**	
	**Alarm Log**	Viewing system alarm events
	**Arm Log**	Viewing system arm/disarm events
	**Parts**	Paring, deleting/editing, deleting all accessories
	**Remote**	Pairing, deleting or deleting all the remote tags
	**Detector**	Pairing, editing, deleting or deleting all the wireless sensors
	**RFID**	Pairing, deleting or deleting all the RFID tags
	**Add**	Pairing a new remote tag, sensor or RFID tag
	**Delete/Edit**	Deleting a remote tag or RFID tag from the list Editing/Deleting a wireless sensor from the list
	**Delete All**	Deleting all remote tags, sensors or RFID tags
	**Siren Learn**	Sending a transmission signal to the wireless siren to be paired
	**Alarm Socket**	Pairing a wireless switch that syncing on/off with the siren

	**Socket Timer**	Setting a schedule(in 24-hour) for opening/closing wireless switch automatically
	**Decoder**	Read the serial number of detector from its transmitting signal. You can know which wireless accessory were paired in your hub by this tool.
	**Wi-Fi**	(Available on hub cellular+Wi-Fi model only)
	**Smartlink Configure**	Connecting your bub to the Wi-Fi network and internet by Smart Configuration(Requires the mobile APP)
	**Unbind**	Unbinding the hub link from the server
	**MAC/IP**	Getting the MAC and IP addresses of the Wi-Fi module
	**SoftAP Configure**	Connecting your bub to the Wi-Fi network and internet by Soft AP Configuration(Requires the mobile APP)
	**Record**	
	**Record**	Recording voice message and playback
	**Play**	Listening to the recorded message
	**Delete**	Deleting the recorded message
	**Duration**	Adjusting Record Duration (1-20 seconds is available)
	**Timer**	
	**Arm Schedule**	Setting a schedule(in 24-hour) for arming automatically
	**Disarm Schedule**	Setting a schedule(in 24-hour) for disarming automatically
	**Zone&Sync**	Reserved
	**Date&Time**	Setting the date and time(in 24-hour)
	**Wi-Fi Sync**	Turning using the Wi-Fi network-provided time on or off (hub cellular+Wi-Fi model only)
	**2G/4G Sync**	Turning using the cellular network-provided time on or off
	**Version**	Getting the firmware and Serial Number of hub, the firmware and IMEI of the cellular module, and MAC address of t he Wi-Fi module (hub cellular+Wi-Fi model only)

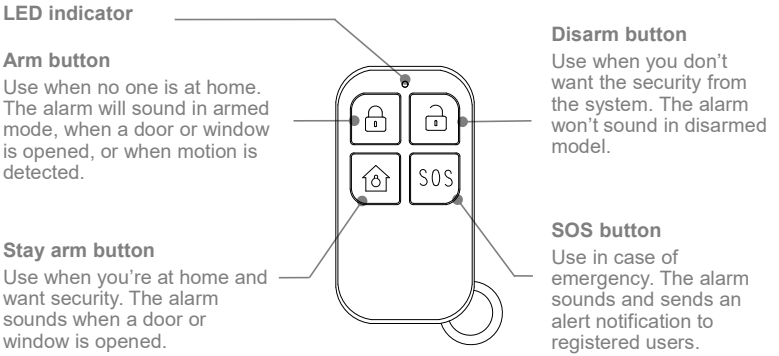
Here're some of menus how to use.

Item	Caption	Description
1	Exit/Entry Delay	Your security system has been programmed with delay times that allow you to exit the premises after arming, and to disarm the system upon entry before an alarm occurs. If you leave home too late when exiting, or disarm too late when arriving home, it will cause a false alarm. If an false alarm occurs, you should disarm the system immediately.
2	Arm Beep	When it is turned on, the external siren will beep when armed or disarmed.

3	**Keypad Lock**	For additional security, you can require a passcode to unlock the panel. When it is turned on, if you don't operate the keypad on the panel for 30 seconds or so, the home screen locks automatically.
4	**Backlight**	When it is turned off, if you don't operate the keypad on the panel for 30 seconds or so, the home screen backlight turns off automatically.
5	**Human Voice**	When it is turned on, you'll hear a human voice that tell you what is done.
6	**System Password**	Used for keypad unlocking and SMS remote settings.
7	**User Password**	Used for keypad unlocking, SMS remote tag and alarm text notification prefixed setting.
8	**Language**	Human Voice, Displaying, SMS and push notification will be in the selected language. After selecting the desired language, the panel will reset accordingly.
9	**Initialization**	If the factory default configuration is loaded, any data that has been already programmed into the system will be changed into the factory default configuration!

Remote Tag (Wireless Key)

Remote tag to quickly away-arm, stay-arm and disarm your home, and to trigger an emergency alarm.

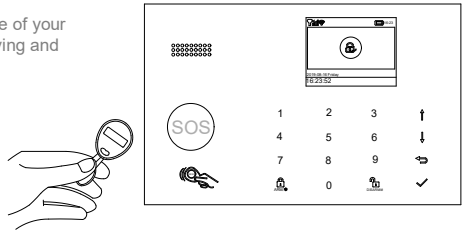


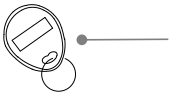
RFID Tag

RFID tag lets you arm or disarm without entering a password.

Disarm with a tap

Tap and hold RFID tag on the RFID zone of your panel to arm or disarm when you're leaving and coming home.





Key loop

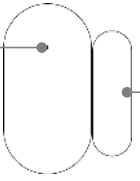
Attach to your key ring.

Door/Window Sensor

Door/window sensors are set to **Delay** mode in default and are ideal for protecting entry/exit locations, such as front/back doors and all windows. When the system is armed or home armed and a sensor is triggered (magnet is separated from the sensor), a push notification including the sensor name will be sent automatically to the registered users, and the alarm will sound.

LED Indicator

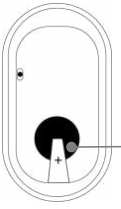
Lights up when door/window is opened. And blinks in case of low battery, please replace the battery soon.



Open magnet

Works with sensor to sense when a door or window is opened

Top view



Battery receptacle

Install 3V CR2032 battery 1 pcs

Inside view

Mounting strips

Attaches sensor and magnet to a flat surface.

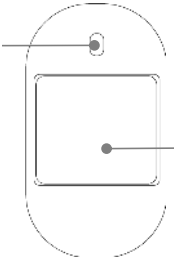


PIR Motion Detector

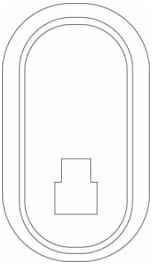
The motion detector is designed for the usage on interior walls and is set to **Home** Mode in default. Whenever the sensor detects movement (only while the alarm is armed), a push notification including the sensor name will be automatically sent to the registered users, and the alarm will sound.

LED Indicator

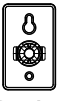
Lights up when there's motion in the room. And blinks in case of low battery, please replace the battery soon.



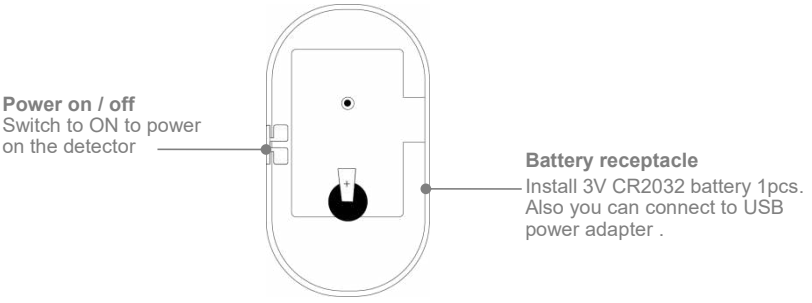
Top view



Bottom view

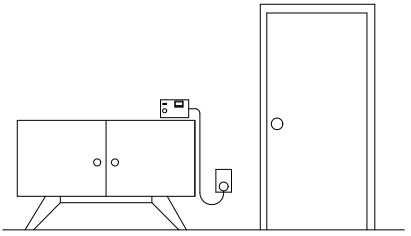


Bracket

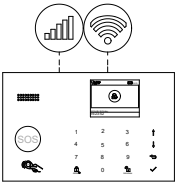

Power on / off
Switch to ON to power on the detector
Battery receptacle
Install 3V CR2032 battery 1pcs. Also you can connect to USB power adapter .

Inside view

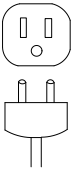
PLACEMENT/INSTALLATION TIPS
Where to Place/Install Smart Hub



It should be close to where you come and go.
So it's easy to access on your way in and out.

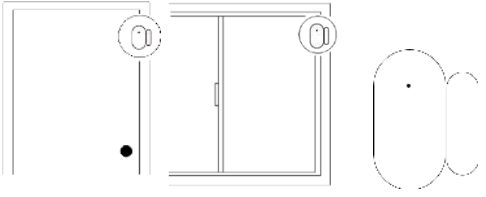


Find a spot with a good Wi-Fi and cellular signal.
The hub needs a Wi-Fi Internet connection (hub cellular+Wi-Fi only) and cellular network so it can send notifications and text message to your phone.



Use an unswitched wall outlet.
Choose an outlet that's not controlled by a switch, so you don't accidentally turn off the hub. The included bracket helps keep the hub is plugged in.

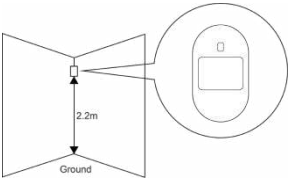
Where to Place Door/Window Sensor

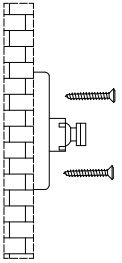


The magnet should be aligned with the middle of sensor and placed within 0.6 inches (1.5cm) of sensor when the door or window is closed, as shown in the image on the left.

On a door **On a window** **0.6 inches(1.5cm) max**

How to Install PIR Motion Detector



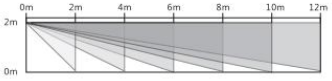


Mounting height

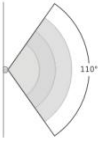
Motion Detector must be mounted 79 to 87 inches(2 to 2.2m) above the floor.

Mount the bracket with the included screws as shown above. Then place the motion detector in the bracket. Specify the right direction of the detection range of the motion sensor. Test the operation of the motion detector by putting it into testing mode which has been described at the former page.

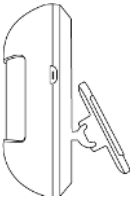
Detection Area



Side view



Top view

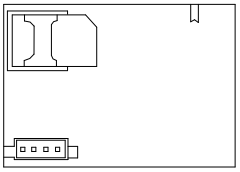


Side view

Special considerations

- Don't install PIR Motion Detector outdoors, in a garage and on the glass.
- PIR Motion Detector can't detect motion through glass, like if someone's moving outside a window.
- Don't install in places where PIR Motion Detector could get wet, like swing-out windows that could be rained on.
- Don't install PIR Motion Detector within 3 feet (1 meter) of a heat source like an electric heater, heat vent or fireplace or another source that may produce turbulent air.
- Don't install PIR Motion Detector behind large appliances or furniture that may obstruct its motion sensors.

GETTING STARTED
Install the SIM Card





Important: A regular SIM card is required in order to use cellular services when connecting to cellular networks. The availability of cellular capabilities depends on the wireless network.

Cellular Network Connection

If the cellular icon at the top of home screen turns white, your hub is connected to a cellular network.

Important: If the gray or is always shown, the hub has not connected to a network. Make sure the SIM card has been put in the hub when it was off and the security code of the SIM card is permanently deactivated

How to Set Phone Numbers for SMS and Phone Calls by Panel

Up to 5 stored Phone Numbers will receive text messages (SMS) and phone calls in case of triggered alarms.

The hub will make phone calls to the stored phone numbers successively (up to 2 rounds in turn). If the phone call is answered and any **Keypad Command** has been operated by one of these users, it will stop calling the next phone number; otherwise it will continue to remind users until it is up to 2 rounds.

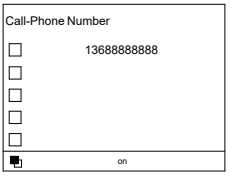
When the stored phone calls the hub, two-way talk is connected automatically.

Keypad Commands

WHICH BUTTON YOU PRESS ON PHONE	WHAT HAPPENS
1	Arm
2	Disarm or silence when the alarming is sounding
3 or 4	Two-way talk

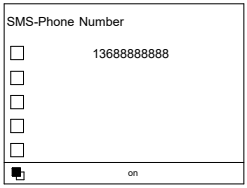
Go to **Menu>Call-Phone Number** to set five phone number for alarm call.

- Use ▼ to scroll to number index to be set, then use digits keypad to enter the Phone Number (up to 18 digits), tap ▲ to backspace. The first number will be called at first in case of alarm.
- Use ▼ to scroll to , then tap ▲ to toggle between 'off' and 'on'. When 'on' is selected, the alarm call will be actived.
- Press √ to save your new settings.



Go to **Menu>SMS-Phone Number** to set five phone number for alarm text message.

- Use ▼ to scroll to number index to be set, then use digits keypad to enter the Phone Number (up to 18 digits), tap ▲ to backspace. The first number will be received alarm text message at first in case of alarm.
- Use ▼ to scroll to ■, then tap ▲ to toggle between 'off' and 'on'. When 'on' is selected, the Alarm Text Message will be enabled.
- Press √ to save your new settings.



Exit / Entry Delay

Entry Delay and Exit Delay are countdowns that allow you to enter and leave your home easily without causing the alarm to sound.

Exit Delay

Exit Delay allows you to leave your home once you've armed the security system. When you place the system into Away Arm Mode, it makes a countdown tick to let you know that it is preparing to arm. Once the Exit Delay period ends, the system is armed. To give yourself enough time to exit your home before the countdown ends, you can adjust the countdown timing from 0(No Exit Delay) to 255 seconds. The default Exit Delay is 40 seconds.

How to change the Exit Delay

Go to **Menu>Settings>Delay>Exit Delay** and enter to edit the delay value.

Entry Delay

Entry Delay allows you to enter your home and disarm your system while the system is in Away Arm Mode. When you enter your home while the system is in Away Arm Mode, your hub makes a countdown tick to let you know that you have a short time until your alarm goes off. When you hear this, you should disarm your system as soon as possible. You can adjust the countdown timing from 0(No Entry Delay) to 255 seconds. The default Entry Delay is 30 seconds.

How to change the Entry Delay

Go to **Menu>Settings>Delay>Entry Delay** and enter to edit the delay value.

How to Record a Voice Message by Panel

Your system can **Record/Play/Delete** a brief voice message (up to 20 seconds) that can be played back later. The voice message will be played to the remote when a alarm call is connected.

Go to **Menu>Record>** and enter.

- Select **Record**.
- Ready to record when **Recording** is shown and the system display will count down the recording time remaining.
- Speak into the panel and the recording automatically stops after the time expires.
- The panel plays back the message automatically.
- Press √ to save the message.

Go to **Menu>Record>Duration** to adjust the record time.

Go to **Menu>Record>Play** to playback the voice message recorded.

Go to **Menu>Record>Delete** to delete the voice message recorded.

How to Pair a Remote Tag by Panel

Go to **Menu>Parts>Remote>Add** and enter.

- You need to enter a digit from 0 to 9 to designate a unique number for the remote tag to be paired.
- **Synchronizing** is shown, the hub goes into the paring mode and count down the pairing time remaining.
- Press any button of remote tag to send a transmission signal to the hub.
- As the serial number of remote tag is added to the hub, **Leaning OK** will be shown.



Go to **Menu>Parts>Remote>Delete** to delete the remote tag specified by serial number .

Go to **Menu>Parts>Remote>Delete All** to delete all the remote tags. Total number of paired remote tags is shown before deleting.

How to Pair a Wireless Sensor by Panel

(Door/Window Sensor or PIR Motion Detector)

Go to **Menu>Parts>Detector>Add** and enter.

Set Name/Mode/Number	
	PIR
24h	Normal(without delay)
	1

- Scroll to and tap ▲ to select the desired **Zone Name**.
  To be used as doorbell, select **Doorbell**.
- Scroll to and tap ▲ to select the desired **Zone Mode**(Type).
  You must assign a **Zone Mode** to each zone(sensor), which defines the way in which the system responds to faults in that zone.
  Normal: Sensors set to **Normal Zone** are activated in Arm (full arm) or HOME Mode (stay/partial arm). We recommend setting door/window sensor to **Normal Zone**.
  24 Hours: Sensors set to **24H Zone** will activate the alarm and sounding when triggered, regardless of the alarm status (Armed or Disarmed).
  Delay: If sensors set to **Delay Zone** are triggered, the Hub will sound the alarm after the delay time passed. We recommend setting door sensors with a **delay** if they are used as primary entryways.
  Home: Sensors set to **Home Zone** are only activated in Arm (full arm). If Stay Arm Mode (partial/home arm) is used, these sensors are not armed and will not activate the alarm if triggered. We recommend setting PIR Motion Detectors to **Home Zone**.
  24 Hours Silent: The mode is same as **24H** but sound.
  To disable the zone, select **Close**.
- Scroll to use the digits keypad to enter **Zone Number** (0-89 are available), tap ▲ to backspace. **Zone Number which** should be unique if more than one sensors need to be paired.
- Select √ , **Synchronizing** is shown, the panel goes into the paring mode and count down the pairing time remaining.
- Trigger wireless sensor to send a transmission signal to the panel as shown on the right.
- As the serial number of wireless sensor is added to the panel, **Leaning OK** will be shown.



Separate the sensor from the magnet by at least 1.0 inches(2.5 cm)

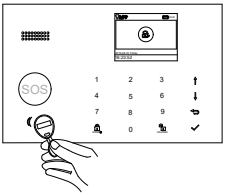


Restart the detector or place the PIR motion detector in a high position and then walk within the detection area to trigger the PIR alarm once (the indicator light flashes once)

Go to **Menu>Parts>Detector>Edit** to edit **Zone Name/Zone Mode** of selected zone specified by the zone number, or delete the selected zone.
Go to **Menu>Parts>Detector>Delete All** to delete all the wireless sensors. Total number of paired sensors is shown before deleting.

How to Pair a RFID Tag by Panel

Go to **Menu>Parts>RFID>Add** and enter

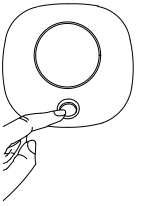


- You need to enter a digit from 0 to 9 to designate a unique number for the RFID tag to be paired.
- **Synchronizing** is shown, the panel goes into the paring mode and count down the pairing time remaining.
- Tap the RFID Tag on the RFID read zone of your panel.
- As the serial number of RFID Tag is added to the hub, **Leaning OK** will be shown.

Go to **Menu>Parts>RFID>Delete** to delete the RFID Tag specified by serial number.
Go to **Menu>Parts>RFID>Delete All** to delete all the RFID Tags. Total number of paired tags is shown before deleting.

How to Pair a Wireless Siren by Panel

Go to **Menu>Parts>Siren Learn**

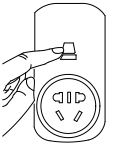


- Press and hold the **SET** button of the siren until you hear two beeps, then the siren goes into the sniffer mode and the light ring blinks quickly.
- Press √ button on the panel within 6 seconds. The panel shows **Learn Signal Sent** and sends a transmission signal to the siren.
- The siren gives four beeps of successful indication.

If you want to unbind the wireless siren with the hub, press and hold the **SET** button of the siren until you hear three beeps.

How to Pair a Alarm Wireless Switch by Panel

Go to **Menu>Parts>Alarm Socket**



- Press and hold the button of the switch until it lights up, then the switch goes into the sniffer mode.
- Tap ▲ to send ON transmission signal to the switch.
- Tap ▼ to send OFF transmission signal to the switch.
- The siren gives three flashes of successful indication.

When a sound alarm occurs, the alarm wireless switch opens until the system is disarmed or alarm sounder timeout occurs.
If you want to unbind the alarm wireless switch with the hub, press and hold the button of the switch for about 10 seconds until light is off.

-

APP

Download App

Scan the QR codes via a smart phone to download and install the application.
Your App may look different if you purchased the different hub model.

APP for Hub Cellular Model

For hub cellular model, you can arm, stay arm, disarm your system by sending text messages using the APP. You can also name your accessories, set Phone Number, Change Exit/Entry Delay or Enable/Disable some features, and more by APP.

APP for Hub Cellular + Wi-Fi Model

Special Tips

After installing the app, the phone will request permission to receive notifications from APP. Forbidden to receive notifications may result in an application running failure.

CHECKING MORE DETAILS ON APP INSTRUCTION, PLEASE REFER TO ***APP QUICK START GUIDE***.

USING SMART SECURITY SYSTEM.

The Security Levels

Smart Hub has three different security levels you'll use when you're home or away. You can easily switch between them on Smart Hub or with RFID tag, remote tag, or the app.

	WHAT YOU HEAR	WHAT HAPPENS	WHAT'S DETECTED Motion	Open	NOTIFICATIONS and CALLS
Away Arm Use when no one is home.	"Please input password" "System Armed"	The alarm sounds when a door or window opens, or when there's motion in a room.	√	√	√
Home Arm Use when you're home and want security.	"Please input password" "System Armed"	The alarm sounds when a door or window opens.	-	√	√
Disarm Use when you don't want security.	"System Disarmed"	The alarm won't sound.	-	-	-



ARM/❄

Away Mode

All sensors in your home are monitored. This is useful when you're going out and want to be notified if anything happens to your home.



ARM/❄

(Tap twice)

Home Mode

All NORMAL and DELAY (exterior and perimeter) sensors are monitored, but interior sensors are not monitored. This is useful if you're at home but want to be alerted if anyone tries to break in through a door or window.



DISARM/#

Disarmed Mode

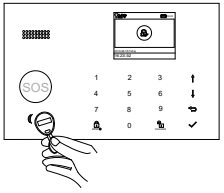
No sensors but 24 HOUR sensors in your home are monitored. This is useful when you're at home and want the freedom to go in and out easily.

How to Arm and Disarm

You can arm and disarm your home in three ways: entering your passcode on the panel if it is locked and press **Arm/Stay Arm/Disarm** icons, tapping RFID Tag on the panel, or using the remote tag, or app. When you hear the panel's chime alert, the screen will also show you a countdown so you know how much time you have before the alarm sounds.

No Rush

With No Rush, you can take the time you leave home or disarm before the alarm sounds. By default, you have 40 seconds.
To adjust the countdown timing by the panel, go to **Menu>Settings>Delay>Exit Delay/Entry Delay.** (see **Exit/Entry Delay** description on page 16)



RFID tag

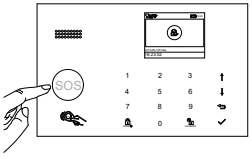
Tap the tag on the panel to

- Disarm in case of arm mode.
- Arm in case of disarm mode.



Remote tag

- Press to away arm.
- Press to home arm.
- Press to disarm.
- Press SOS to trigger an emergency alarm.



Panel

- Tap to away arm.
- Tap twice to home arm.
- Tap to disarm.
- Press SOS button to trigger an emergency



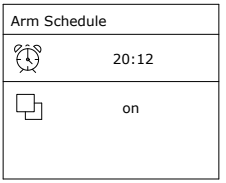
APP

- Tap to away arm.
- Tap to home arm.
- Tap to disarm
- Tap to trigger an emergency alarm.

Auto Schedule

You can set an arm schedule and a disarm schedule to arm or disarm the system automatically at a daily time.
Go to **Menu>Timer>Arm Schedule/Disarm Schedule** and enter

- Scroll to and enter the Daily Arm/Disarm time (in 24-hr), tap ▲ to backspace.
- Scroll to and tap ▲ toggle to 'on' to enable the schedule.
- Press √ to save your schedule.



Make a Call on Panel

On the home screen, tap one of digits to enter dialing screen , enter the number, then tap √ to dial.
Important: The call will be canceled if cellular network is not registered, the system is armed or in voice alarming.

Smart Hub Features

Battery backup

If the building has lost electrical power, Smart Hub includes a backup battery that will last for more than 6 hours. So even if the power is out, Smart Hub can still detect when an intruder is in your home and sound the alarm.
The battery icon in the upper-right corner shows the battery level or charging status, this level is just for reference.
If the backup battery is very low, the battery icon turns red, and for up to 15 minutes before the hub works well. And Low Battery notifications will be sent to the registered phone numbers.
The battery is fully charged within 8 to 12 hours.

Loss/Restoration of AC power

If the event of AC power loss or restoration, the hub will send you an alert notification to let you know that.

Tamper detection

If someone tampers with Smart Hub and removes it from the back plate, the hub will send you an alert notification to let you know that.

RESET TO FACTORY SETTINGS

Go to **Menu>Settings>Initialization>** and enter.
Important: You won't be able to reset if Smart Hub is locked. All the paired accessories and event logs will be deleted when reset is done.

SPECIFICATIONS

Hub
Power Supply: Micro USB 110/220VAC to 5V, 1000mA
Backup Battery: 3.7V, 500mAh Rechargeable Lithium Battery
Consumption: <55mA@normal
Siren Output: <500mA
Radio Frequency: 433Mhz
GSM: 850/900/1800/1900MHz
Wi-Fi: IEEE802.11b/g/n
Operation Temperature: -10~55℃

Remote
Power Supply: DC 12V27A Battery x 1
Standby Current: <5uA
Alarm Current: <15mA
Transmitting Distance: <80m (Open Area and No Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃

Door/Window Sensor
Power Supply: DC 3V (CR2032 Lithium Battery x1)
Standby Current: <8uA
Alarm Current: <15mA
Transmitting Distance: <80m (Open Area/No Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃

PIR Motion Sensor
Power Supply: DC 3V (CR2032 Lithium Battery x1)
Standby Current: <15uA
Alarm Current: <25mA
Detection Scope: <12m/110°
Transmitting Distance: <80m (Open Area and No Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃
USB Input Voltage : DC 5V

RFID Tag
Chip: 4100/4200
Frequency: 125KHz
Read Distance: <2cm

Wireless Siren
Power Supply: Micro USB 110/220VAC to 5V, 1000mA
Standby Current: <15mA
Alarm Current: <230mA
Volume: 100dB
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃