

Smart Security System User Manual Book

version 2.0

CONTENTS

1 DO THIS FIRST

- 1 Things to be Noted Before Getting Started
- 1 What You Need

2 MEET YOUR ALARM SYSTEM

- 2 How the Alarm System Works
- 3 Getting to Know Your System
- 3 Smart Hub
- 9 Remote Tag
- 10 RFID Tag
- 10 Door/Window Sensor
- 11 PIR Motion Detector

13 PLACEMENT/INSTALLATION

- 13 Where to Place/Install Smart Hub
- 13 Where to Place Door/Window Sensor
- 14 How to Install PIR Motion Detector

15 GETTING STARTED

- 15 Install the SIM Card
- 15 Cellular Network Connection
- 15 How to Set Phone Numbers for SMS and Phone Calls by Panel
- 16 Exit/Entry Delay
- 16 How to Record a Voice Message by Panel
- 17 How to Pair a Remote Tag by Panel
- 17 How to Pair a Wireless Sensor by Panel
- 18 How to Pair a RFID Tag by Panel
- 18 How to Pair a Wireless Siren by Panel
- 18 How to Pair a Alarm Wireless Switch by Panel

19 APP

- 19 Download App

20 USING SMART SECURITY SYSTEM

- 20 The Security Levels
- 21 How to Arm or Disarm
- 22 Make a Call on Panel
- 22 Smart Hub Features

22 RESET TO FACTORY SETTINGS

23 SPECIFICATIONS

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

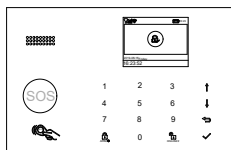
To set up and use Alarm System, you'll need an iPhone or Android phone, the Smart Security System app, an unused indoor power outlet, a regular SIM card supporting 2G/GSM(for 2G version) or 4G network (for 4G version), and a Wi-Fi 802.11 b/g/n(2.4GHz) network connection (Hub cellular + Wi-Fi only).

MEET YOUR ALARM SYSTEM.

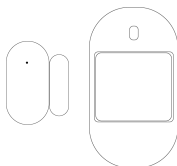
How the Alarm System Works



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



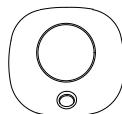
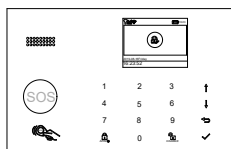
The hub receives the command and enters "Armed" mode.



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.

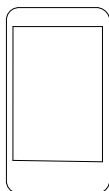


The hub internal siren sounds at 85dB on-site, and an optional external siren sounds at 100dB.



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.

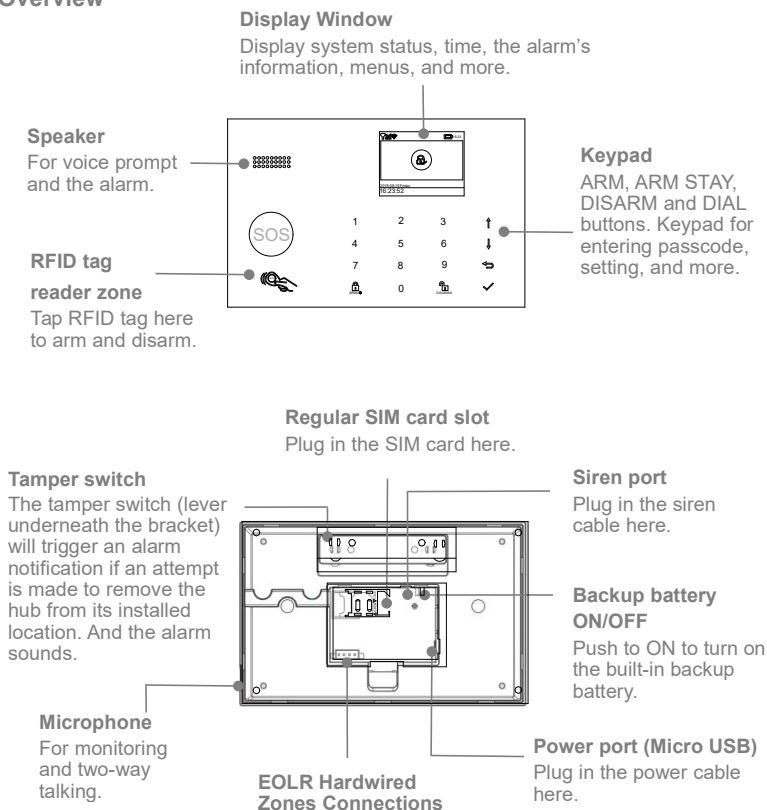
The system can be controlled on-site by the remote tag supplied, or remotely from anywhere with our free dedicated mobile application.

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



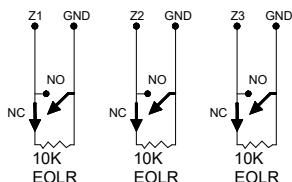
Hardwired zone connections

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

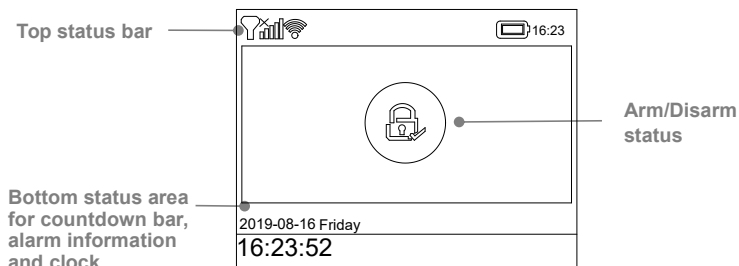
Important:

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 pairing 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 the 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.

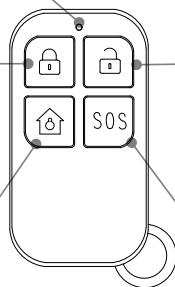
LED indicator

Arm button

Use when no one is at home. The alarm will sound in armed mode, when a door or window is opened, or when motion is detected.

Stay arm button

Use when you're at home and want security. The alarm sounds when a door or window is opened.



Disarm button

Use when you don't want the security from the system. The alarm won't sound in disarmed model.

SOS button

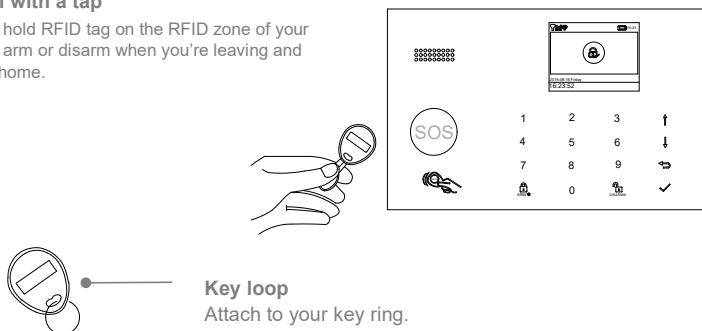
Use in case of emergency. The alarm sounds and sends an alert notification to registered users.

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.

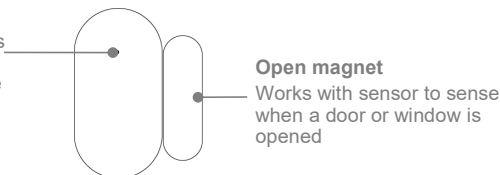


Door/Window Sensor

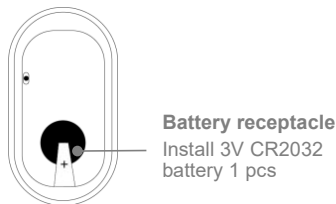
Door/window sensors are set to **Delay** mode in default and are ideal for protecting entry/exit locations, such as front/back doors and all windows. When the system is armed or home armed and a sensor is triggered (magnet is separated from the sensor), a push notification including the sensor name will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



Top view



Inside view

Mounting strips

Attaches sensor and magnet to a flat surface.

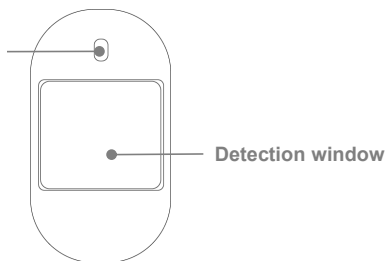


PIR Motion Detector

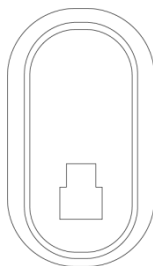
The motion detector is designed for the usage on interior walls and is set to **Home Mode** in default. Whenever the sensor detects movement (only while the alarm is armed), a push notification including the sensor name will be automatically sent to the registered users, and the alarm will sound.

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

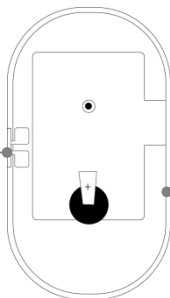


Bottom view



Bracket

Power on / off
Switch to ON to power
on the detector

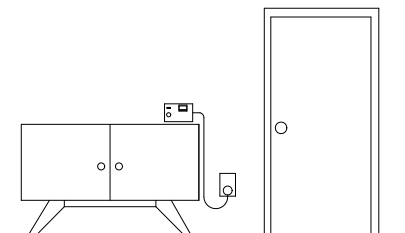


Battery receptacle
Install 3V CR2032 battery 1pcs.
Also you can connect to USB
power adapter .

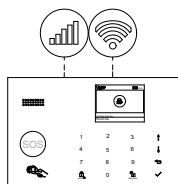
Inside view

PLACEMENT/INSTALLATION TIPS

Where to Place/Install Smart Hub

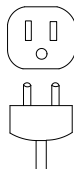


It should be close to where you come and go.
So it's easy to access on your way in and out.



Find a spot with a good Wi-Fi and cellular signal.

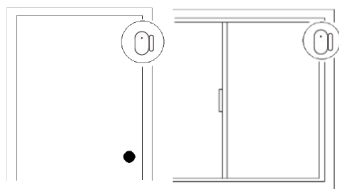
The hub needs a Wi-Fi Internet connection (hub cellular+Wi-Fi only) and cellular network so it can send notifications and text message to your phone.



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.

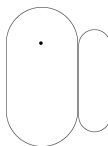
Where to Place Door/Window Sensor



On a door

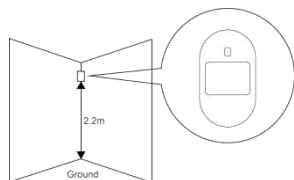
On a window

0.6 inches(1.5cm) max



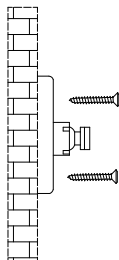
The magnet should be aligned with the middle of sensor and placed within 0.6 inches (1.5cm) of sensor when the door or window is closed, as shown in the image on the left.

How to Install PIR Motion Detector



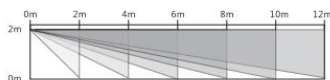
Mounting height

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

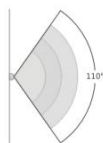


Mount the bracket with the included screws as shown above. Then place the motion detector in the bracket. Specify the right direction of the detection range of the motion sensor. Test the operation of the motion detector by putting it into testing mode which has been described at the former page.

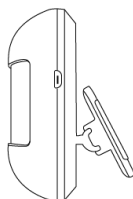
Detection Area



Side view



Top view



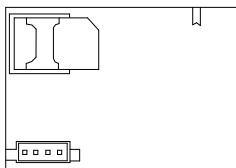
Side view

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 activated.
- Press √ to save your new settings.

Call-Phone Number	
☐	13688888888
☐	
☐	
☐	
☐	
☒	on

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.

SMS-Phone Number	
☐	13688888888
☐	
☐	
☐	
☐	
	on

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 pairing 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.

- 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.

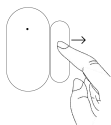
Home: Sensors set to **Home Zone** are only activated in Arm (full arm). If Stay Arm Mode (partial/home arm) is used, these sensors are not armed and will not activate the alarm if triggered. We recommend setting PIR Motion Detectors to **Home Zone**.

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 pairing 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.

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



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)

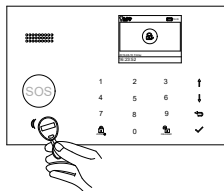
Go to **Menu>Parts>Detector>Edit** to edit **Zone Name/Zone Mode** of selected zone specified by the zone number, or delete the selected zone.

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 pairing 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, **Learning OK** will be shown.



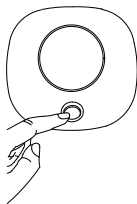
Go to **Menu>Parts>RFID>Delete** to delete the RFID Tag specified by serial number.

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.

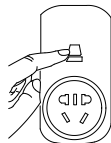


If you want to unbind the wireless siren with the hub, press and hold the **SET** button of the siren until you hear three beeps.

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/✱



ARM/✱

(Tap twice)



DISARM/#

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.

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.

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.

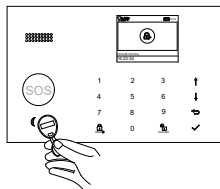
How to Arm and Disarm

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

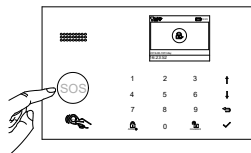
Tap the tag on the panel to

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



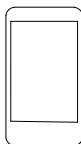
Remote tag

- 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.

Arm Schedule	
	20:12
	on

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℃