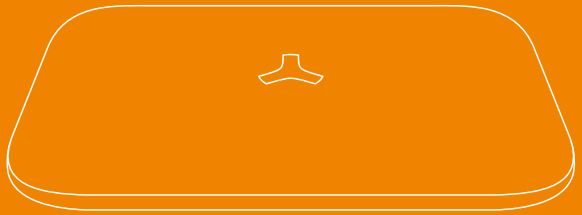
SmartH

SmartH
Home Automation

Smart Alarm System

User Manual



Content

The Wi-Fi network security system is built to offer convenient, real-time monitoring and flawless home security. It protects your home 7/24. The control panel is the brain of security alarm system, which is able to communicate with all wireless sensors. If an intrusion is detected or if an abnormal amount of smoke is detected, it triggers an immediate alarm and send you notification by SMS, push notification and calls.

Product List

Please remove all supplied contents from packaging as below.
If there' re anything missing, please return to your place of purchase.


Control Panel


Door/Window Sensor


P.I.R. Motion Detector


Remote Control


Wall-mounted Bracket


Bracket for Motion Detector


Power Adapter


3M Double-sided Tape


Batteries

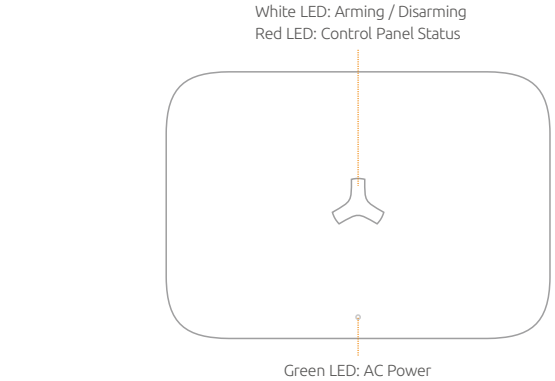

Plastic Plugs & Screws

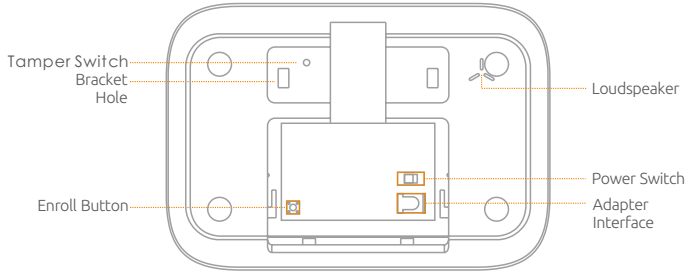

User Manual

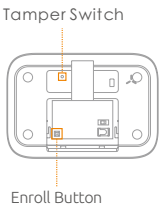
Features

- Totally Wireless, DIY Installation
- 105dB Siren
- 24 Hours Protection
- Entry/Exit Delay
- Wi-Fi Support
- FHSS Frequency-Hopping Spread Spectrum
- Immediate Alerts
- 50 Zone Names
- 6 Hours Battery Back-up
- 10 Customizable Keyfob Name
- Added on up to 50pcs Sensors
- iOS & Android App, Easy to Setup

Working Status of Control Panel Appearance



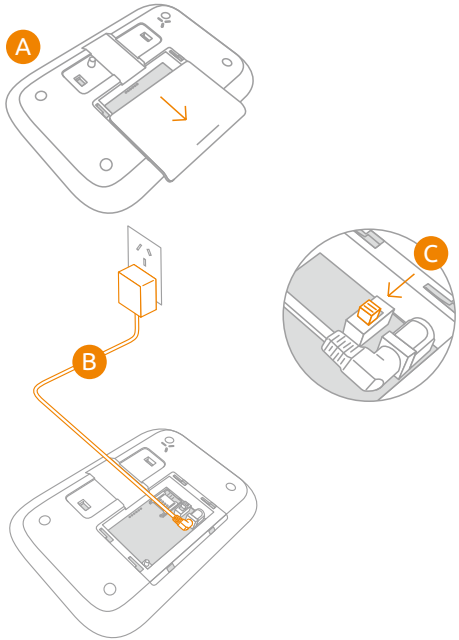


No	Name	Function
1	Status LED Indication 	**Red LED** **Normally on:** In enrolling status **Flashes quickly:** Connecting WiFi network in smart mode **Flashes once a second:** Alarming **Flashes once in 2 seconds:** Connecting WiFi network in AP mode. **White LED** **On:** System armed in away mode. **Off:** System disarmed **Flashes slowly:** Systems armed in stay mode. **Flashes quickly:** WiFi network lost.
2	Power/Signal LED Indication 	**Green LED** **On:** Power on **Off:** Power off
3	Button 	**Tamper Switch** **Press once:** Trigger tamper alarm **Enroll Button:** **Press once:** start accessory enrolling **Press and hold for 5 seconds until one beep heard:** start setup with app **Press 7 times:** Delete all connected accessories. **Press 5 times:** Restore the system to default setting. Restoring operation will not delete the enrolled accessories.

Quick Start Guide

1. Installation of The Control Panel

A. Gently open the battery bay cover.
B. Insert power adapter's barrel plug to adapter socket.
C. Slide the power switch to ON position.
D. Test the enrollment of accessories.



2. Using and Testing the Remote Control(s)

A. Press the panic button“ SOS ”. A small display on the remote control will briefly light up. A loud alarm tone will immediately sound and the symbol on the control panel will flash red .

B. Turn the alarm off again by pressing the disarm “ ” button.
Congratulations!
Your remote control(s) are working!

3. Using and Testing the Door Sensor

A. Pull out insulating strip.

B. Arm the system with “ ” button.

C. Now separate both parts of the sensor and hold them at least 2cm away from one another.
A red light will briefly flash on the sensor

D. As soon as the alarm sounds, disarm the control panel with “ ”on the remote control.
Congratulations.
The door sensor is now working!

4. Using and Testing the Motion Detector

A. Carefully open the cover of the motion sensor by pressing the clip and pull out insulating strip.

B. Fix the cover by the short screw.

C. Arm the system with “ ” button.

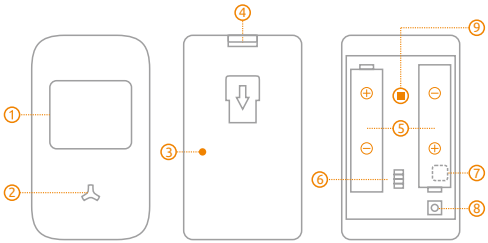
D. Now press the small, black button (program) on the rear of the motion sensor.

E. As soon as the alarm sounds, disarm the control panel with “ ” on the remote control
Congratulations.
The motion sensor is now working!

Wireless P.I.R Motion Detector

Features

The passive infrared sensor with novel and beautiful style, perfect streamline can be easily installed. It is designed to detect human movement indoor. Adopted advanced fuzzy logic chip and intelligent analysis distinguish signal between body movement and interference to minimize false alarms. The built-in buzzer remind you low battery state and event of tamper alarm, which ensure your safety.



1. Detection Window
2. LED Indicator
3. Learning Button
4. Clip
5. Battery Compartment
6. Zone Jumper
7. Buzzer
8. Tamper Switch
9. Infrared Sensor

Infrared Sensor: Detects the infrared rays released by human body motion. Please do not touch the surface and keep it clean.
Tamper Switch: Once the case is opened , the tamper switch will be triggered, generating an alarm signal.

Status Indicator

LED flashed once:
Movement is detected.

LED flashes 5 times, and buzzer beeps 5 times:
Power on, tamper alarm, low battery indication. If it's in low battrey state,please replace it only with1.5V/AA LR6 Manganese Dioxide Cell (EXCELL, GP) immediately.

Test Mode & Normal Operation

TEST MODE: After switching on (inserting the batteries), the motion detector beeps and flashes five times. This shows that the detector is only in test mode and will remain in that mode, until it has recognized a movement 20 times. In test mode, every movement triggers an alarm.

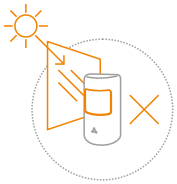
NORMAL OPERATION: Once the test mode has ended, the motion detector switches to normal operation and, after the first recognized movement, into sleep mode to save energy. The sleep mode ends after 7 seconds. This helps save considerable amounts of energy when the house or apartment is inhabited and people are constantly moving around. In case of an alarm, however, the first movement is enough to trigger an alarm.

Walk Test:

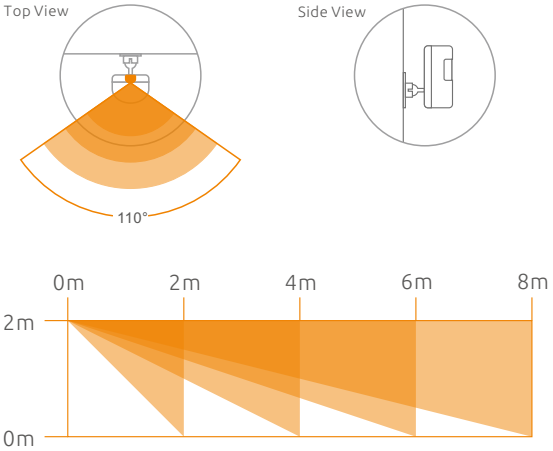
1. When the power is on, the LED indicator flashes five times and buzzer beeps five times to enter working state.
2. Walk across detection area and watch the LED indicator to make sure it flashes once when detecting the movement. After one detection, it will detect once every one minute.

Notice

1. Avoid mounting the detector close to places where heat changes fast or air stream flows frequently. (ie. Air conditioner, tube light, oven, waver, refrigerator etc.)
2. Avoid it facing to window which can be easily interfered by complicated environment. (ie. sunlight, crowds, or flowing cars etc.)
3. The product can reduce the possibility of accident, but the user is advised to take all necessary precautions for the safety and the protection of the property.

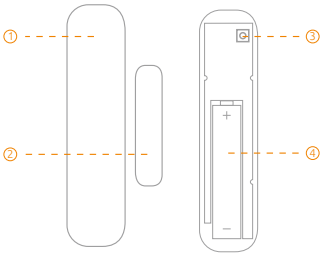


Detection Area



Wireless Door/Window sensor

The Door/Window Sensor can be installed on doors, windows and any other objects that open and close.
The sensor transmits signal to control panel when the magnet mounted near the sensor is moved away.
The tamper protection ensures that sabotage attempts to move the sensor will result in an alarm activation.

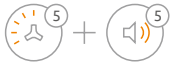


1.Transmitter
2.Open-close magnet
3.Tamper Switch
4.Battery Compartment

Tamper Alarm: Once intruder attempts to move the sensor,built-in buzzer beeps.The control panel will send tamper alarm message to user at the first time.

Working Status:

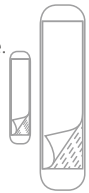
LED flashes once:
Door or window is opened.
and the transmitter sends signal to the control panel.

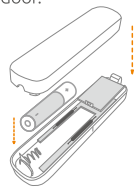


LED flashes 5 times, and buzzer beeps 5 times:
Tamper alarm, low battery indication. If it's in low battery state,please replace it only with1.5V/AA LR6 Manganese Dioxide Cell (EXCELL, GP) immediately.

Installation:

1. Open the case and install the battery properly.
2. Sensor can be installed on door or window that open and close. Make sure the installed position have been already cleaned.
3. Remove the paper strip of the double-sided tape on the back of transmitter and magnet. Carefully mount the transmitter on the door frame and the magnet on the door.
4. Place the transmitter in the desired location, mount the magnet no more than 1cm away from the transmitter.
5. Avoid mounting sensors in areas with a large quantity of metal and electric wiring.





Note! The door sensor is set in Normal Zone1 as default. It will cause on immediate alarm if the magnet depart from the transmitter more than 2cm in arming state.

Mobile App Download

Please enter keyword "**My smartH**" on your smart phone to download the App from the Apps store or Google Play.

SmartH

Available on the App Store

GET IT ON Google play

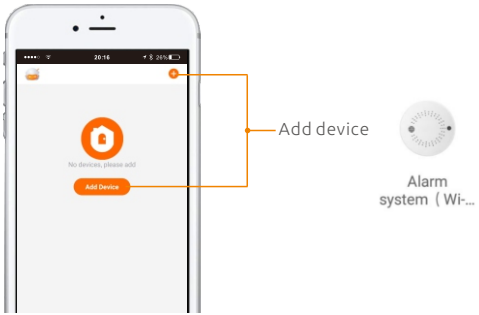
Wi-Fi Network: 2.4GHz(802.11 b/g/n).
iOS Requirements: iPhone 4S or newer running iOS9 or higher
Apple Watch: 2.0 or Later
ANDROID Requirements: Android 6.0 or newer.

Create an Account

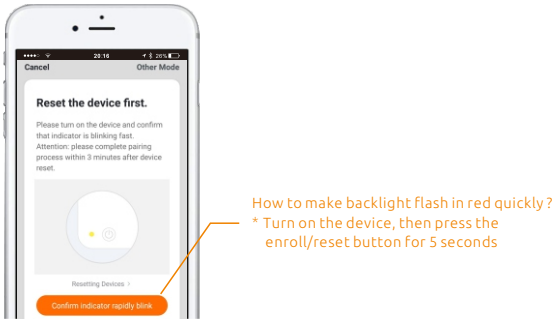
Tap on "**Register**" and follow these steps to create an account for your devices.

Add Device

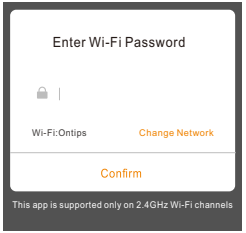
1. Tap on " Add Device " or " + " . Tap on " Security & Sensor " and choose " Alarm System(Wi-Fi) "



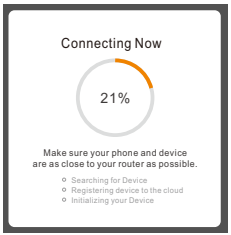
2. Turn on the device and confirm that "backlight" of the device flash in red quickly.



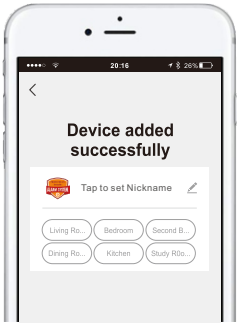
3. After confirmed the LED rapidly blink, enter your Wi-Fi password.



4. Waiting for seconds while connecting.



5. Device added successfully. Then you can rename the device and choose where you place the device.



2 Ways to Control the Alarm System

Arm

Mode for no one at home. It sends notifications when any detector is triggered.

Disarm

The alarm system is disabled. Only sensors in 24 hour zone will trigger the alarm.

Stay Arm (Home Mode)

This mode is for someone at home. Normal zone sensors are enabled while home mode zone sensors will be disabled.

SOS Emergency

Trigger the siren in case of an emergency.

Mute Mode

Press home mode button, then press arm or disarm button within 3 seconds to enter into arming or disarming state in mute mode without disturbing someone.

You can arm, disarm and switch between security modes using:

1.My smartH Apps
2.Remote Control

Tap on device enter the device interface.

Through the Remote Control (Press and hold the buttons for about 1 sec.)

Alarm Event/Notification

The alarm system monitors your home for activity and sends you an app push notification, when sensors are triggered.
All events can be checked by tapping on “Me-Message Center” .
The notification rule is as below. If “Setting-App Notification” is disabled, then you will not receive app notifications when events are detected.

Accessories Management

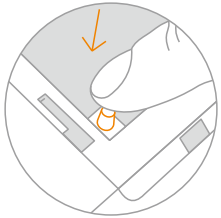
Tap on " Accessories "icon the into accessories menu, you can customise the accessory name, select the zone type,and also delte the accessory from the app, if required.

Accessories Enrollment & Zone

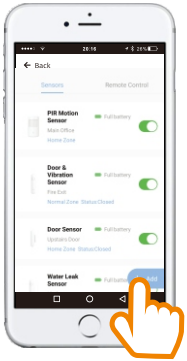
Accessories in the standard kit were enrolled by default.
More accessories can be paired in two ways.
You are able to pair up to 50 additional sensors, 10 remote controls or keypads to the alarm system. Sensors that are included with the alarm system are already enrolled with the control panel.

Press the enroll button .

Step 1, Press the enroll code on touch pad or select the " Accessories " on the dashboard to enter the Accessories Menu, then tap on" + Add "icon.



By enrolling button



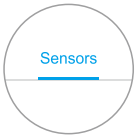
Step 2, Trigger the sensors one by one, press the enroll button again or press " ✕ " icon on the app to exit the enrolling . The enrolled sensors will automatically appear in the Accessories menu in the app.

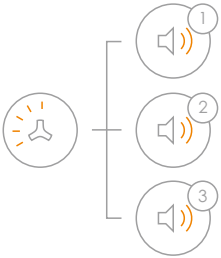
How to trigger different accessories:

Press any button on the remote control.

Move the transmitter away from the magnet

Press the black button on the rear of the motion sensor.





1 System beeps once, the LED light flashes once, the enrollment is successful.

2 If system beeps twice and the LED light flashes once, the accessories have been enrolled before.

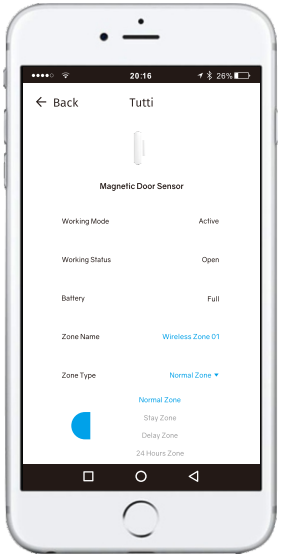
3 If three beeps are heard and LED light flashes once, the storage is full.

(Note! Please don't press tamper switch to enroll or enroll accessory in low battery status, It will remain in enrolling mode for 30 seconds.)

Delete Enrolled Wireless Accessories

Delete accessories via APP or Press the enroll button 7 times until one beep is heard, all enrolled wireless accessories will be deleted.

Zone Setup



Normal Zone

The alarm is activated immediately when triggered.

Delay Zone

It allows a delay before entry or exit especially for sensors in single delay zone. But accessories in normal zone, home mode zone, and 24H zone will not be delayed.

Stay Zone

Press " " button, sensors in home mode zone are disabled then the users can move freely. While the sensors in normal zone will still activate an immdiate alarm when triggered.

24 Hour Zone

No matter what state the alarm system is in, the accessories in 24 Hour zone are triggered, the control panel will get the signal and alarm immediately.

:Full power, :Low Battery

Device Setup

Tap on " Setting ", enter the setting interface.

Google Home Security Code

Use the security code to disarm the alarm system via Google Home.
Voice Control for Google Home：
Disarm "device name".
Set "device name" to home mode
Set "device name" to away mode

Siren Duration

User can set the siren duration from 0s to 300s, the device will be in mute when user set it 0s.

Schedule

Schedule the arming and disarming of your security systems at your convenience. Time tolerance may be about +/- 30 seconds.

Exit/ Entry Delay

Set exit/entry delay time for accessories in single delay zone.
It allows users to leave or enter home within the programmed time without activating an instant alarm.
Once entry/exit delay time is set, when system is armed, in case of delay time less than 10 seconds, control panel will beep twice every second. When the delay time is more than 10 seconds, control panel will beep once every 2 seconds, the sound will increase in tempo for the last10 seconds for the "hurry up" notification. Once an entry is detected, it will allow the user to enter and disarm the system within the programmed entry time

Device Language

Change system language as you want.

Remote Control Armed/Disarmed Alert

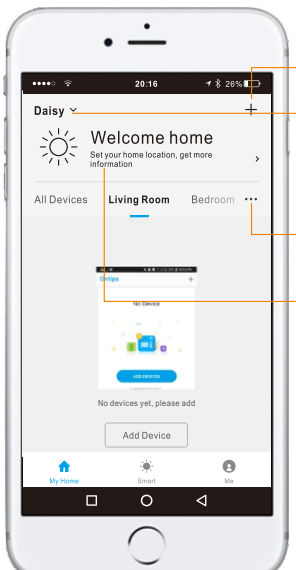
Receive alerts when Alarm System is armed or disarmed via remote control.

Door/Window Sensor Monitoring

Be notified if a Door/Window has been left open when the Alarm System is armed.

Other APP Settings

My home

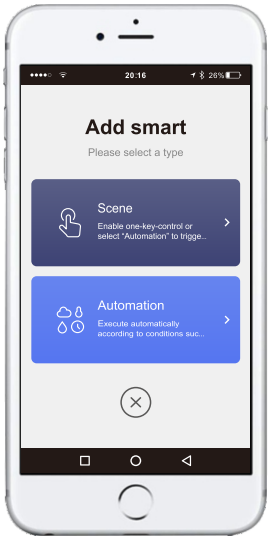


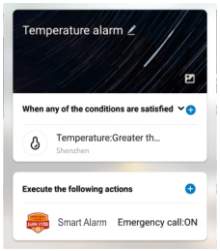
- **Add devices**
- **Home Management**
  Family settings: Name change/ Room managment/Family location/ Share advices
  Add Family/Add rooms.
- **Room Management**
  Add/Delete/Edit rooms
- **Set Home Location**

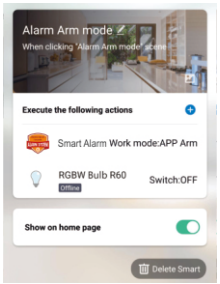
Smart

Tap on "Smart" to add smart scene or automation of your connected devices.

For example, arm the system, and turn off the smart bulb.
Or disarm the system, and then turn on the smart bulb.
Or to excute the actions according to different condictions. For example, when temperature greater than 40℃,trigger the alarm system.







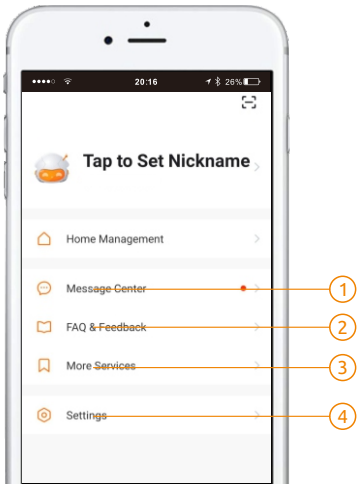
Me

1. Check the activities of the system

2. Write down and send us your issues or complaints or any feedback.

3. Add other services, like Alexa...

4. Sound: Turn on/off the sound of the key on APP.
Notifictaion: Receive the push notifiction or not.



Works with Amazon Alexa

works with Amazon Alexa

Preparation:

* Amazon Alexa APP and account
* My smartH APP and account
* An Echo device, including Echo, Echo Dot and Echo Tap .
* Smart device.

Sign in with My smartH account, add the device, then change the name to a easily recognized word or phrase, like "bedroom light".

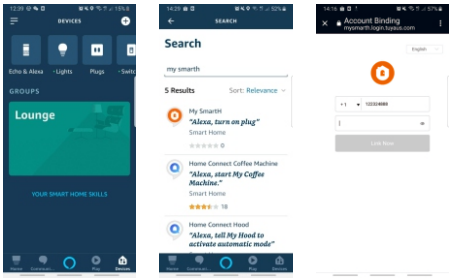
Set up Echo with Amazon Alexa APP

Sign in with Amazon account. Tap the Homepage on the top left, tap "Settings" and "Set up a new device".
Then follow the instructions.
Select a Echo device, long press the dot button on the top of your Echo device until the orange light shows up and tap "Continue". Then select your Wi-Fi network and connect it to your device according to the instructions. This may take several minutes.

Enable our skill in Alexa APP

* Tap the Homepage, select "Skills", then search "My smartH". Select "My smartH"and tap "Enable Skill" to enable the My smartH Skill.
* You will be redirected to the account link page. Type your My smartH account and password, do not forget to select the country/region where your account belongs to.

Then tap "Link Now" to link your My smartH account. When"Alexa has been successfully linked with My smartH" shows up, you can leave this page. (Note: If a My smartH account has been linked before, you can use it directly, you can also tap "Disable Skills" to remove it.)



Control your smart Alarm System through Echo

* Echo need to discover your smart device before the control.
* You can say "Alexa, discover device" to Echo, or you can also tap "Discover Device" on APP to discover the smart devices. Discovered devices will be shown in the list. (Note: Every time you change the name of devices on My smartH APP, Echo must re-discover devices before the control.)

Now you can control your smart Alarm System through Echo. You can use following commands to control your devices(e.g.,bedroom light):

arm "device name"in home mode
arm "device name"in away mode
disarm "device name"

Alarm System Control:

U: Alexa, disarm alarm

Echo: What's voice code for alarm

U: 1234

Echo: Alarm is disarmed.

Works with Google Home

works with the Google Assistant

Preparation:

* A Google Home device, or an Android phone with Google Assistant.
* Latest Google Home APP (Android only) and a Google account.
* The devise display language must be set to English US.
* My smartH APP and a related account.
* Smart device.

Sign in with My smartH account, add the device, then change the name to a easily recognized word or phrase, like "bedroom light".

Set up with Google Home APP

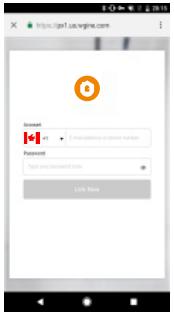
* Open the Google Home APP and sign in a Google account. Then connect the Google Home APP with your Google Home device according to the Instruction of Google Home.
* Choose the Wi-Fi network you want to connect to your Google Home. Then connect it to your Google Home according to the Instruction.

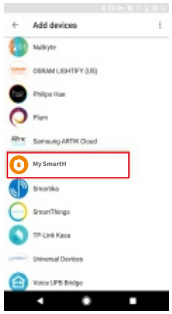
Make sure your Google Home APP and Google Home are in the same Wi-Fi network.

Link My smartH account in Home Control

Attention: Due to the Google Home APP's known bug, you could use only one Google Home account to control "Home Control Action". If you sign in Google Home APP with several Google accounts, only the first Google account you signed in can be used for "Home Control".

* Tap "Home Control" in the hamburger menu on the Google Home APP's Home Page, then tap " + ".
* Find "My smartH" in the list. In the new window, select your My smartH account region, type your My smartH account and password, then tap "Link Now". After you assign rooms for devices, your devices will be listed in the Home Control page.





Control your smart alarm system through Google Home.

Now you can control your alarm system through Google Home. Take as the example, the supported voice commands are as below:

Hey, Google
Set "wall alarm system" to home mode
Set "wall alarm system" to away mode
Disarm "wall alarm system"

Specifications

Product Name :	Smart Alarm System
Control Panel's Power Supply :	Input: AC 110~240V/50~60Hz Output: DC 12V/1000mA
Standby Current :	200 mA without power supply. 150 mA when power supply on.
Alarm Maximum Current	≥350mA
Internal Battery Backup :	Lithium Battery: 3.7V/900mAh
Internal siren :	105dB
Allowed Amount of Expandable Wireless Accessories	10pcs remote controls 50pcs wireless accessories
Operating Frequency:	2.400~2.4835GHz
Wi-Fi Standards:	802.11b/g/n
Radio Frequency	FHSS 433MHz
Housing Material	ABS plastic
Operation Condition:	Temperature: -20°C~55°C Humidity: ≤ 80%(non-condensing)
Size (L x W x H) :	180×126×26mm

Specifications

Power Supply:	DC1.5V (AA Battery)
Standby Current:	≤25 μA
Transmit Current:	≤70mA
Wireless Transmit Distance:	≤100m (in open area)
Wireless RF Frequency:	FHSS 433MHz
Temperature/Humidity:	-10°C-55°C/≤80% (Non-condensing)
Detector Dimensions(L x W x H):	24.5 x 96.5 x 19.5 mm
Magnet Dimensions (L x W x H):	14 x 48 x 11 mm

Specifications:

Power Supply:	DC 3V (AA 1.5V LR6 Battery x 2pcs)(EXCELL, GP)
Standby Current:	≤20 μA
Transmit Current:	≤30mA
Detection Area:	7-8m/110°
Wireless Transmit Distance:	≤80m (in open area)
Wireless RF Frequency:	FHSS 433MHz
Temperature/Humidity:	-10°C-55°C/≤80% (non-condensing)
Detector Dimensions (LxWxH):	90*52*36.5mm
Bracket Dimensions (LxWxH):	48*26*29mm

Specifications:

Power Supply:	DC 3V (2pcs CR2032 button cell batteries)
Transmit Current:	≤25mA
Wireless Transmit Distance:	≤80m (in open area)
Transmitting Frequency:	FHSS 433MHz
Housing Material:	ABS plastic
Working Temperature:	-10°C-55°C
Humidity:	Up to 80% (non-condensing)
Dimension(L/W/H):	37x70x11.5mm

Frequently Asked Questions

1.Is it possible to expand more accessories for this security system?

Yes, 50pcs sensors and 10 remote controls can be expanded according to users' need. Full range of accessories will be offered including PIR motion sensors, door sensors, vibration sensors, flood sensors, keypads,sirens, premiere protection beams & fences, and environmental sensors like smoke sensors.

2. What happens in case of alarm?

Wi-Fi alarm sends the push notification directly to your mobile apps. You can respond immediately via the apps, or using the remote control.

3. What internet connection do I need for Wi-Fi system?

All contemporary Wi-Fi standards on 2.4 GHz are supported. The Internet speed has effects on the system performance. A fast and well-functioning Internet connection is recommended for optimum performance.

4. Do I have to pay for the app?

All available My smartH Apps are free to download (App Store or Google Play). The complete functionality is free.

5. How to download the app for the security system?

Go to App Store or Google Play to download the application by entering the keyword of "My smartH".

6. Is My smartH app applied to all mobile phones?

For all smartphones with a recent version of an iOS or Android operating system, this app is available to download and use. For this functionality, depending on the system, a mobile connection or mobile Internet / Wi-Fi connection is necessary.

7. What's the maximum range between the control panel and accessories?

It's 100 meters in open area. The walls might shorten the distance, it's recommended to install the accessories at the right place, and move the panel to adjust a better signal receiving. If the house is too large, it's better to add a signal repeater to boost the coverage.

8. Will my alarm system work in the event of a power failure?

Yes. The system has rechargeable back-up batteries which can support it working for 6 hours. When the power is recovered, the battery will be recharged. Adapter wire cannot be cut to make sure enough power to the panel.

9. What will happen once power is off or internet is cut?

Once power is off or network is cut, android App will be off-line after waiting 20-30seconds, it will not reconnect, you need go back to the device list, but iOS will reconnect.

PIR Motion Detector

1. Why PIR Motion Detector beeps without detecting intruders?

If PIR Motion Detector beeps, and LED indicator flashes continuously, the detector is in low battery. Please change the battery immediately.

2. Why PIR Motion detector does not detect movement?

A. Please make sure the control panel is in arming status, not at stay (home)mode or disarming status.
B. Please make sure the LED of PIR motion detector lights up when you walk in the detection area.

C. Movement should cross the detection and within 8 meters range.
D. The detector enters sleeping mode to save power after first detection. If there's no movement within 7 seconds, the detector goes back to the working state. If there's detection occurs within 7 seconds, the time detector goes back to working state will be added accordingly.
E. Make sure the insider battery contact well or not.
F. Check the board put well or not.
G. If zone jumper is changed, please enroll the sensor to the system again.

3. If the PIR motion detector pet-immunity?

No. The PIR supplied in standard kit is normal PIR. If you have pets at home, please adjust the installing height to allow your pets to roam below the mounting height of the unit without causing alarms.

4. There's no one passerby the room, but the detector trigger the alarm

A. Check if there's any pet at home, the PIR supplied in the standard kit is normal one, not pet-immune one.
B. Please avoid mounting the P.I.R. motion detector at the place where rapid heat changes such as window, air conditioner, light, electric heater, refrigerator, oven, stove etc.
C. Avoid strong sunlight.
D. The installation height and range should be in the detection area.

RF Exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band. Ad Hoc function is supported but not able to operate on non-US frequencies.