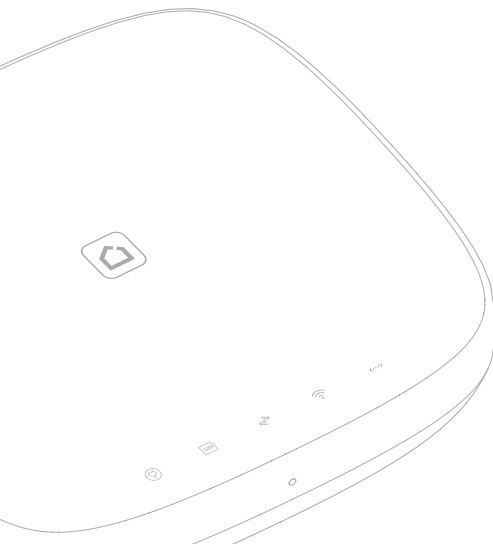


LAN · WiFi · Cellular

Smart Protect Home Security

User Manual



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Safety

This home security system is designed to reduce the risk of burglary and other household hazards depending on the connected sensors and accessories. However, this system does not guarantee your safety and you should therefore always act prudently and take reasonable precautions even with the system installed.

Any security system, including this one, is subject to compromise or failure for a number of different reasons, including but not limited to:

- An intruder may gain access through unprotected openings.
- An intruder may have the technical knowledge to bypass a sensor or the whole system.
- Signals sent by the panel or sensors might be blocked or reflected by objects in your home, eg. metal furniture, refrigerators, etc.
- Motion sensors can only detect within the specified range and view-angle. Motion outside of this or motion hidden by obstacles will not trigger the alarm.
- Limited or no service from third party providers, like your internet service provider, mobile carrier, etc.
- Hardware failure in panel, sensors and accessories.

Requirements

Requirements for using the home security system:

- An internet router with an available RJ45 port and/or 2.4 GHz Wi-Fi (IEEE 802.11 b/g/n standard).
- An iPhone or Android smartphone running iOS 7.0 or Android 4.3 or newer and that features Bluetooth version 4.3 or newer.
- [Optional] A SIM card with a working carrier plan or sufficient funds on the account.

Quick Start

1 Network Preparation

To connect your new home security system to the internet, you will need to decide if you want to connect it via Ethernet cable (LAN) or wirelessly via Wi-Fi.

Please have your Wi-Fi password ready if you choose to connect via Wi-Fi.

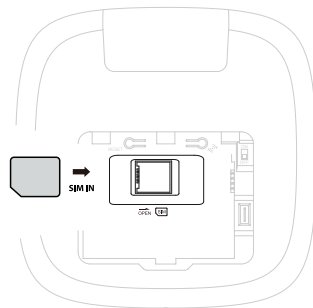
* Wi-Fi 2.4GHz (WEP/WPA/WPA2 encrypted) and LAN supported, IPV4 protocol

* LAN: 10/100M Ethernet

2 Install the SIM Card (Optional)

Make sure the SIM card you insert has an active carrier plan or sufficient funds to send texts and make calls and that PIN protection has been disabled. You can disable the PIN code request on a new SIM card by inserting it in a mobile phone and using its settings to disable it.

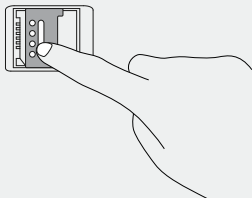
Make sure the panel is powered off before inserting the SIM card.



Sim Card Slot at the bottom of the Battery Compartment

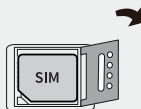
* How to insert a SIM card

OPEN →



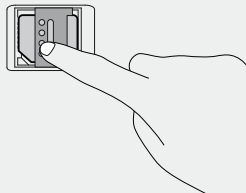
First find the SIM Card Slot at the bottom of Battery Compartment.

Push the metal cover of the SIM card tray in the “Open” direction until you hear a click and lift it up



Then place your micro SIM in the tray with the chip-side downwards.

← LOCK



Finally put the metal cover back down over the SIM card and push it back until you hear a click to lock it.

* Please take care not to bend or scratch neither the chip on the SIM card and the copper connectors in the SIM card tray when inserting the SIM card.

3 Find a suitable location for the panel

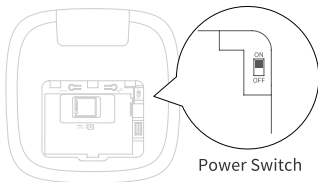
If you have decided to connect the panel via Ethernet cable, you need to place the panel close to your router or a LAN switch. You will also need to make sure you have a power outlet nearby in order to power the panel with the included power supply.

If you have decided to connect the panel to your Wi-Fi network, you will need to choose a location with strong Wi-Fi signal. You can use your mobile phone to test the signal strength of the location before you proceed. You will also need to make sure you have a power outlet nearby in order to power the panel with the included power supply.

4 Power On

Connect the included power supply to the panel and to a power outlet near the chosen installation location. If not off already, remove the back-cover on the bottom of the panel to access the power switch. Push the power switch to "ON".

* The logo on the top of the panel will flash red for 4-5 seconds during initialization and confirm with a beep.



Power Switch

5 Download the APP

Download the App by scanning the QR Code, or search Smart Protect in the Apple App Store or Google Play Store.

Create an account in the app, or login if you already have one.




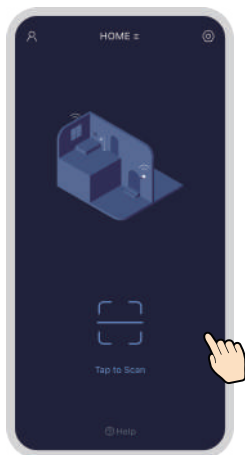
Smart Protect

6 Add the Panel

Important: Make sure Bluetooth is turned on on your mobile phone before continuing.

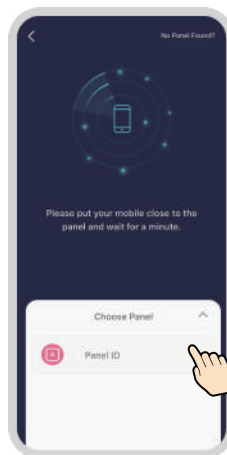
- **Scan the QR Code**

Go to the APP homepage after creating an account. Tap  and scan the QR code on the back of the panel



- **Connect the Panel**

The app will now search for panel. Select the panel when it show on the screen by tapping on it.



- **No Panel Found?**

Make sure Bluetooth is turned on on your mobile phone and keep your phone close to the panel during the connection process. To manually put the panel into connection mode, remove the back-cover on the bottom of the panel and long-press the  "Network Configuration Button" until it beeps.

7 Setup the Panel

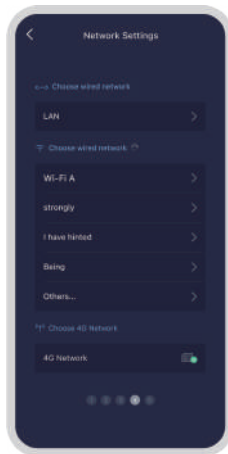
- **Set the Password**

Set a 4-digit PIN code for your system. This will be used to operate the system via the keypad.



- **Configure the Network**

Select how you will connect your security system to the Internet.



For LAN connection: connect the included Ethernet cable to the panel and your router and tap “LAN”.

For wireless Wi-Fi connection: select the network you want to connect to in the list and enter your Wi-Fi password as prompted on the screen.

For 4G connection: tap 4G network at the bottom of the list (This operation requires that the SIM card is installed in advance and the sim card is valid).

8 Install accessories

- Please note that all included sensors and accessories are already connected to the panel and all you need is to install them using the included tape or screws.
- Remember to remove the insulation strip or turn on the power before installing.

Done. You are ready to go

Setup of your new home security system is now done and you can start using it right away.
To learn more about the system features and how it works, please continue reading.

System States

Arm

In Arm state, all connected sensors will be active and should be used when nobody is home. If any sensor is triggered during this state, it will send a wireless signal to the panel which will set off the alarm.

Disarm

In Disarm state no sensors will be active. This is used when you are home and want the security system to be off.

Home Arm

In Home Arm state only selected sensors will be active. You can select which sensors you want to be active in this state by going to Settings → System Settings → Customize Home Arm function.

A good use of this is to have sensors on your doors and windows active, but not your motion sensors. This will allow you to move around freely in the house, but if a door or window is opened, the alarm will go off.

SOS




This is the state the system will enter if an active sensor is triggered when in either Arm or Home Arm state or if the SOS button in the app is tapped.

In SOS Alarm state the system will notify users about the incident, including information of which sensor triggered the alarm. Both the panel's internal siren and any connected external sirens will start to sound as well.

User Authorities

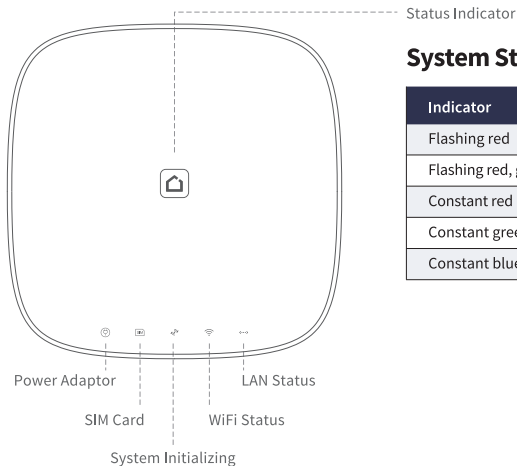
You can set different authority levels to the users of the system. We recommend you to only have one Administrator as this authority level gives unrestricted access to your security system.

* SMS Contacts added through mobile numbers are not included

				
		Administrator	User	Guest
System	Operate Arm, Disarm & Home Arm	✓	✓	✓
	Call for help via SOS Button	✓	✓	
	Set system security rules	✓		
Accessories	Switch bulbs, plugins, ect.	✓	✓	✓
	Setup bulbs, plugs, smart buttons, ect.	✓	✓	
	Add devices and accessories	✓	✓	
Cameras	View live video of smart cameras	✓	✓	✓
	View history records of smart cameras	✓	✓	
	Setup smart cameras	✓		
Family	Invite users and guests	✓	✓	
	Invite administrators	✓		

Panel Overview

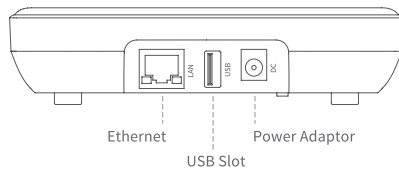
Top View



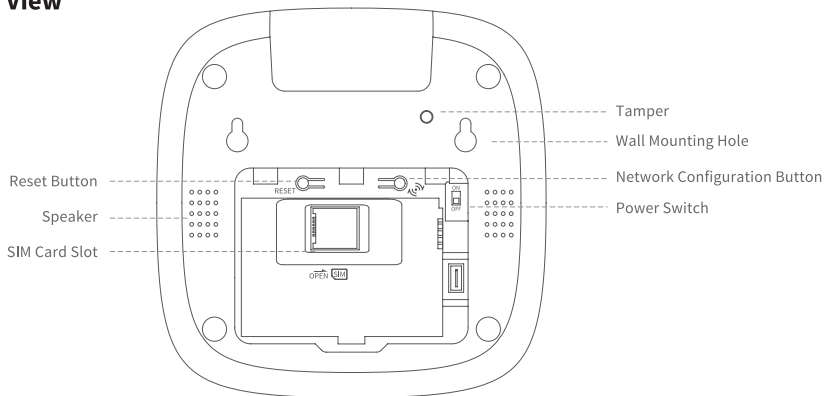
System Status Indicator

Indicator	Status
Flashing red	Panel is initializing
Flashing red, green and blue	Panel is in connection mode
Constant red	System is in Arm state
Constant green	System is Disarmed
Constant blue	System is in Home Arm state

Rear View



Bottom View



How to use the App

Switch Family

Panel Status

Tap to view details

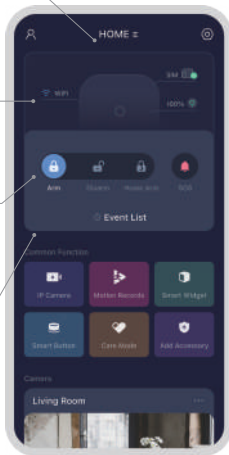
Security Status Control

Arm, Disarm, Home Arm;
Call for help via SOS

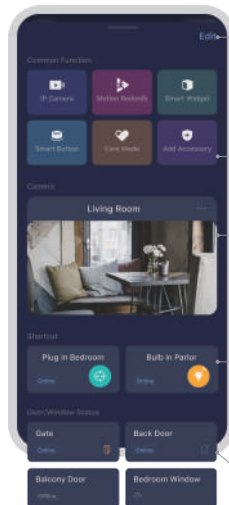
* Refer to page 9

Event List

Check all historical
events of the panel



Scroll Up



Edit

Customize your own
dashboard

Common Functions

Smart Cameras

The Dashboard displays up to
3 monitoring screens

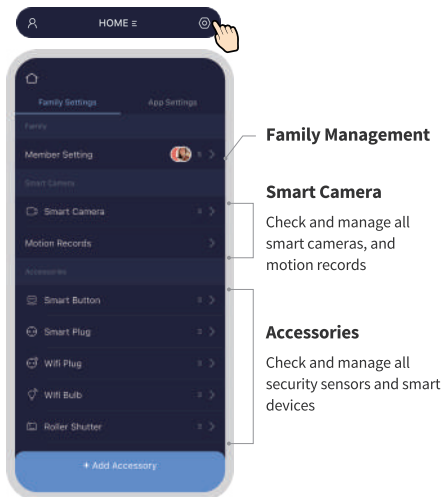
Shortcut

Control Smart plugs and
bulbs

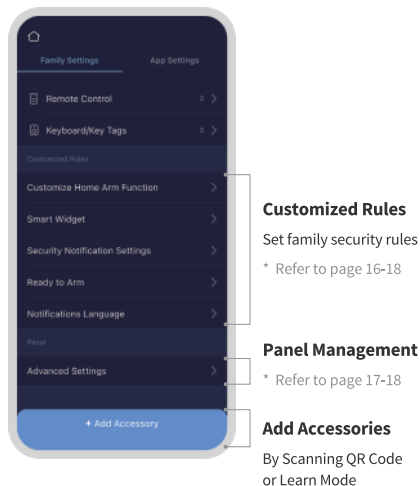
Door/Window Status

Family Settings

Tap [Setting Icon] on the top of [Homepage]

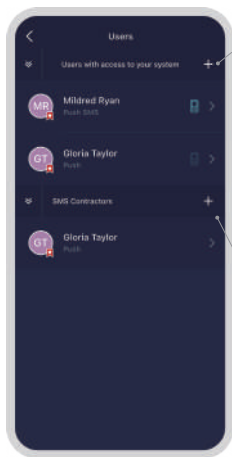


Scroll up on the [Family Settings]



Add Family Users / SMS Contacts

Enter [Users] from [Family Settings]



Add Family Members

Invitation QR code can be generated in Administrator/ User / Guest permissions

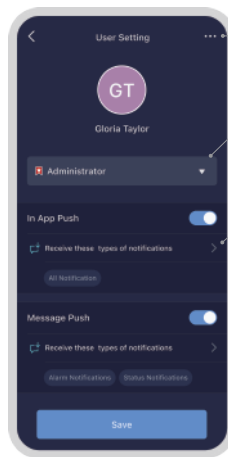
New members need to install app and scan the QR code to join the family

SMS Contacts

Contacts added by mobile number, who does not need to install this APP and only receives SMS notifications in specific situations

Tap one of the list to enter [User Setting]

(Take a administrator as an example)



Delete this Member

Set Authority (Only system members)

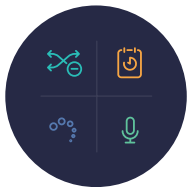
* Refer to page 10

Set Notification Types

SMS notification requires that the panel has a SIM card and the user's account has been bound to his or her mobile number

You can click [receive these types of notifications] to set the notification types for each user, including Alarm, Status and system notifications

More Customized Functions



Smart Widget

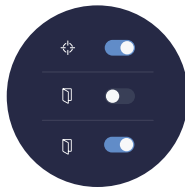
[Family Settings] - [Smart Widgets]

Anti-interference: Monitor the interference code nearby and generate an alarm

Timed Task: The task can be set according to the time. e.g: Every night at 10 o'clock implementation of 'Home Arm'

Smart Following: Instructions can be executed automatically when the system enters a certain state. e.g: Turn on the bulb when Disarm

Siri control: (Only iOS supported)

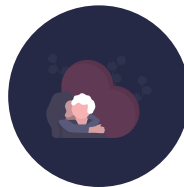


Customize Home Arm

[Family Settings] - [Customize Home Arm Function]

You can specify a part of the sensors that continue to work in the Home Arm status. Only accessories that support this feature show on the Customize Home Arm Function

* Refer to page 9



Care Mode

[Homepage] - [Common Functions] - [Care Mode]

Select some indoor accessories as the life state monitoring group. Whenever the system enters the Disarm / Home Arm, it will enter the Care Mode. If no accessories are triggered after the preset time, the notification will be sent out

* This feature is recommended for people living alone, especially the elderly



Ready to Arm

[Family Settings] - [Ready to Arm]

When the 'Ready to Arm' function is turned on, it will remind you when doors are still open before Arm / Home Arm

You can close the door before Arm/ Home Arm, or choose to still execute and ignore the sensors above



More Security Settings

[Family settings] - [Advanced settings]

Entry Delay: When the selected accessories are triggered, the system will start alarm after the preset time

Exit Delay: The system will wait for the preset time before responding to Arm or Home Arm command

Siren Duration: 1-30 minutes, or mute



More Accessory Mode

[Family Settings] - [Door/Window Sensor] or [PIR Sensor]- [Accessory Settings] - [Mode]

Chime: Associated it with a indoor siren, and can be used as an automatic sensor chime

Bypass the Sensor / Tamper

Alarm: Temporarily bypass and not notify when triggered



CMS

[Family Settings] - [Security Notification Settings] - [CMS]

This feature allows you to access the central monitor station when a system alert is triggered

Smart Protect alarm panel supports CMS using SIA-DC-09 protocol, and the message format is contact ID through UDP or TCP port

*If encryption is applied (optional), the input encryption key can be enabled. Please contact your installation or CMS company for all necessary information



Duress Alarm

[Family Settings] - [Security Notification Settings] - [Duress Alarm Settings]

You can enable the Duress Alarm Function to use it in case of threat, input the duress alarm password on the keyboard to stop the alarm, and send a preset SOS message to other users at the same time



4G Network Selection

[Family settings] - [Advanced settings] - [4G Network Selection]

Smart Protect 4G module applies to the most of carriers, if there is any configuration change on your 4G network, "Automatic" can be turned off manually to input APN information

* The default setting for "4G" feature is on and set as "Automatic". In the event of LAN & WiFi disconnection and main panel reconnection timeout(failure lasting for about 1min), the main panel will enable 4G function for network connection

FAQ

1 I can not find the panel

Try to press  button until a sound of beep occurs

2 There is an indication of Bluetooth disconnection

Try to press  button until a sound of beep occurs

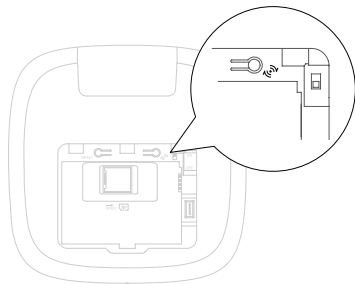
3 There is an indication of the Bluetooth deactivation on my phone

Please make sure that the Bluetooth on your phone is switched on before initiating this pairing process

4 When the Internet connection is down, can the system still protect me?

LAN / Wi-Fi / Cellular are used for communication. As recommended, LAN provides the most reliable Internet connection. In case that LAN and Wi-Fi both fail, the cellular network will work as a backup

In most cases, the disconnection of Internet is caused by electricity failure, which means the system might have to run with the backup battery. With backup battery, this system can work perfectly to protect your home even if Internet connection is not available



5 How to reset the system? Would all my data be erased?

- Reset system via hardware: please remove the battery cover and press the reset button for 5 seconds
- Reset system via APP: [Family Settings]- [Advance Settings]-[Reset the Panel]
- The system will erase all data and restart after resetting

6 When operating in the App, it is slow/lag/always waiting for reactions.

To better solving your problem, please follow the instructions below before request help from distributor:

- Use LAN cable instead of Wi-Fi for the panel
- Try restart the router connected to the panel or your phone
- Disable any VPN connection from your phone or router, for directly connecting to the Internet
- In the Homepage of the App, tap the Panel Status area to see if the connection of the panel works properly

FCC Statement

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 and 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 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.

This device awith part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

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

Tech Specs

Capability		RF Capability	
CPU	GK7205	Frequency	433.92MHz / 868.35MHz
Power Supply		Coverage	Up to 1000m (Open Area)
Auxiliary Power	DC 5V  1.5A	RF Supervision	Supported
Standby Time	4 - 8 hours (Fully Charged)	Key Features	
Backup Battery	Rechargeable Lithium Polymer Battery 2600mAh	Quick Pairing	Pre-paired, QR Code Pairing & BT Pairing
Connectivity		Anti-tamper Protetion	Supported
LAN	1xRJ45 10 / 100M Ethernet Interface	Duress Alarm	Supported
Wi-Fi	Wi-Fi 2.4 GHz (802.11 b/g/n)	Low Battery Warning	Supported
GSM / LTE	GSM / 4G LTE	Smart Following & Timed Task	Supported
Others		OTA Update	Supported
Built-in Siren	100dB / 30cm	Ready to Arm	Supported
Housing Material	ABS / PC	No. of families a user can join	10
Working Temp.	-10°C ~ 60°C	No. of Users a family can add	100
SIM Card Support	Micro SIM Card	Video Monitoring	Works with Cameras
Installation	Desktop, Wall Mounted	Smart Devices	Works with Smart Plug & Smart Bulb
Mobile Applications	iOS 7.0 and Later, Android 4.3 and Later	Alarm Notifications	Sending Push Notifications and SMS



Smart Protect

