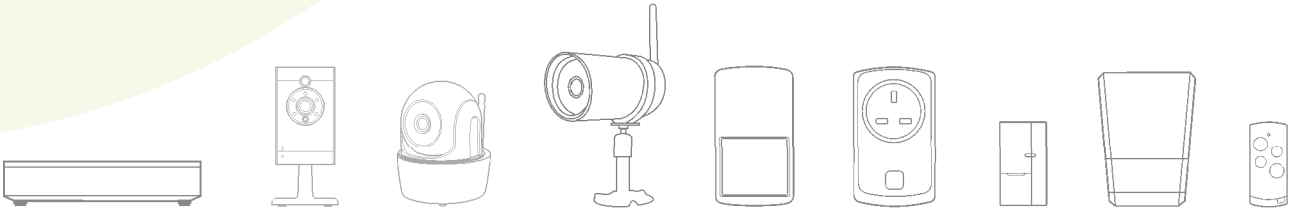
SMARTI

SmartHome Security System

Installation and Operating Instructions

Version 1



Please read these instructions carefully before using these products and keep the manual for future reference.

Contents

IMPORTANT SAFETY NOTICE

This information can help you safely use your security system. Follow and retain all information included with your system.

Customer safety is important. Our products are developed to be safe and effective. However, the SmartBox, Accessories and Cameras are electronic devices. Power leads, power adapters, and other features can create potential safety risks that can result in physical injury or property damage, especially if misused. To reduce these risks, follow the instructions included with your product, observe all warnings on the product and in the operating instructions, and review the information included in this document carefully. By carefully following the information contained in this document and provided with your product, you can help protect yourself from hazards and create a safer operating environment.

NOTE: This information includes references to power adapters and batteries. In addition, some products (such as additional cameras) ship with external power adapters. If you have such a product, this information applies to your product. Some accessories contain a coin-sized battery - Please keep out of reach of children. Do not place the battery in the mouth as by doing so can cause severe injuries if swallowed.

The cords and cables supplied with the system can present a potential strangulation hazard if the child plays with the cords or cables and it becomes wrapped around the neck. Please make sure cords and cables are placed out of reach of the child.

Conditions that require immediate action

Products can become damaged due to misuse or neglect. Some product damage is serious enough that the product should not be used again until it has been inspected and, if necessary, repaired by an authorised servicer.

As with any electronic device, pay close attention to the product when it is turned on. On very rare occasions, you might notice an odour or see a puff of smoke or sparks from your product, or you might hear sounds like popping, crackling or hissing. These conditions might merely mean that an internal electronic component has failed in a safe and controlled manner, or they might indicate a potential safety issue. However, do not take risks or attempt to diagnose the situation yourself. Contact our Customer Support Team for further guidance.

Frequently inspect your security system and its components for damage/wear or signs of danger. If you have any questions about the condition of a component, do not use the product. Contact our Customer Support Team for instructions on how to inspect the product and have it repaired, if necessary.

In the unlikely event that you notice any of the following conditions, or if you have any safety concerns with your product, stop using the product and unplug it from the power source and telecommunication lines until you can speak to the Customer Support Team on 0871 222 1430 for further guidance.

POSSIBLE HAZARDS

- Power leads, plugs, power adaptors, extension leads, surge protectors, or power supplies that are cracked, broken or damaged.
- Signs of overheating, smoke, sparks or fire.
- Damage to a battery (such as cracks, dents, or creases), discharge from a battery or a buildup of foreign substances on the battery.
- A cracking, hissing or popping sound, or strong odour that comes from the product.
- Signs that liquid has been spilled or an object has fallen onto the SmartBox/Accessories/Camera and the power lead or power adapter.
- The SmartBox/Accessories/Camera power cord or power adapter has been exposed to water.
- The product has been dropped or damaged in any way.
- The product does not operate normally when you follow the operating instructions.

WARNING: This product is not designed or approved for use on power lines other than 100-240VAC, 50Hz or 60Hz, single phase.

Attempting to use this product on non-approved power lines may have hazardous consequences.

System Components

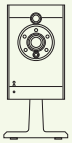
DO NOT REMOVE THE INSULATING PLASTIC on the sensors. It will activate the pairing process. Please follow the sections below for easy installation. If you have already removed the insulating plastic tab, please refer to the section "If you need to pair the sensor again:" to add sensor(s) to the system.

SmartBox SHG100


Adaptor DC 12V/1A


Ethernet Cable 2m

WiFi HD Indoor Cube Camera with PIR SHC100




Bracket


Adaptor DC 5V/1.5A

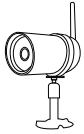

Ethernet Cable 2m

WiFi HD Indoor Pan Tilt Camera SHC200


Adaptor DC 5V/1.5A


Camera Antenna

WiFi HD Indoor/Outdoor Bullet Camera with PIR SHC300

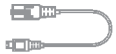



Bracket

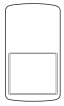

Camera Antenna

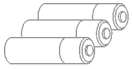

Adaptor DC 5V/1.5A


Wall Fixing Pack

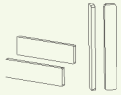

USB to RJ45 Lead

Wireless PIR Sensor
SHDP





3x AA Batteries 1.5V



Sticky Pad Set

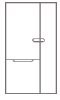
Wall Mount Set

Bracket

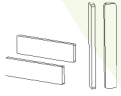
Wireless Power Control Socket and Repeater
SHP100R

No Accessories

Wireless Door/ Window Contact
SHDM



1x CR2032 Battery



Sticky Pad Set

Wireless Indoor Siren
SHS100

Adaptor DC 5V/1A

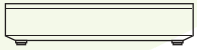
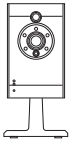
Bracket

Wireless Remote Control
SHR100

1x CR2032 Battery

Introduction

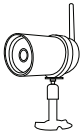
The Smart-i SmartHome Security System is an expendable and extendable security system that combines power management to make your life more secure and energy efficient. You can scale up the coverage at anytime by implementing additional sensor(s) and/or camera(s).
You can easily access the system from anywhere in the world via the Internet. The Smart-i Protect iOS/Android app allows you to view/record video, turn power switch on/off, activate/deactivate siren manually or automatically. You can also create various scenarios to allow the system to automatically respond to the situation even when you are not at home/office.

Product Name	Function
SmartBox 	The central control of the SmartHome Security System. It provides communication for remote access, sensors and mobile devices. SmartBox can send out push notification and Email when a sensor is triggered.
WiFi HD Indoor Cube Camera with PIR 	Offers day/night on-site/remote live-view (visual verification) and video recording and storage (MicroSD 32GB, not included). The camera also has dual-layer motion detection consist of hardware PIR sensor and embedded video image analyser for maximum protection.

WiFi HD Indoor Pan Tilt Camera

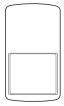
Offers day/night on-site/remote live-view (visual verification) and video recording and storage (MicroSD 32GB, not included). The camera also has motion detection with embedded video image analyser for maximum protection.

WiFi HD Indoor/ Outdoor Bullet Camera with PIR



Offers day/night on-site/remote live-view (visual verification) and video recording and storage (MicroSD 32GB, not included). The camera also has dual-layer motion detection consist of hardware PIR sensor and embedded video image analyser for maximum protection.

Wireless PIR Sensor



Built for larger area detection, such as living room or entrance. Once it detects motion, the motion PIR can alert the system and activate On/ Off Switch (turning on light), Siren (alert sound) and Camera (view/ record).

Note: To conserve battery power, the PIR Sensor will be temporarily deactivated for 2 minutes after every trigger event. This controls unnecessary push notifications received on your mobile device.

Wireless Power Control Socket and Repeater

The Power Control Socket can be controlled via Smart-i Protect app (On/Off), Door/Window Sensor (trigger on), PIR (trigger on) and Panic Remote (preset on). It can also act as repeater to extend the service range for another device.

Wireless Door/ Window Contact

Installed on to door/window. After the system is armed the Door/Window Sensor can alert the system the door/window has been opened and activate On/Off Switch (turning on light), Siren (alert sound) and Camera (view/record).

Wireless Indoor Siren

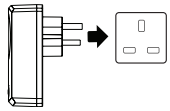
The Siren can be controlled via Smart-i Protect App and Panic Remote (activate/deactivate) or triggered by other devices such as Camera, Door/ Window Sensor and Motion Sensor.

Wireless Remote Control

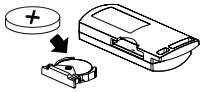
You can use the Remote Key to ARM/DISARM system, activate camera recording function and set off Siren. You can predefine which different sensor(s) you want to work with the Remote Key. The control of the Remote Key connects with the Smart-i Protect App One-Touch-Scenario.

The diagram below shows the suggested location(s) for SmartHome Security System. Use this as a guide for your installation. The system is extendable and expandable with additional

Power Control

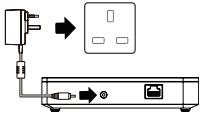


Remote Control



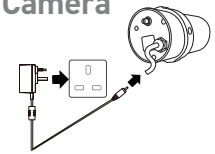
Battery CR2032

SmartBox



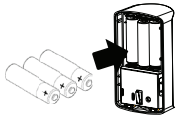
Adaptor DC 12V/1A

Indoor/Outdoor Camera



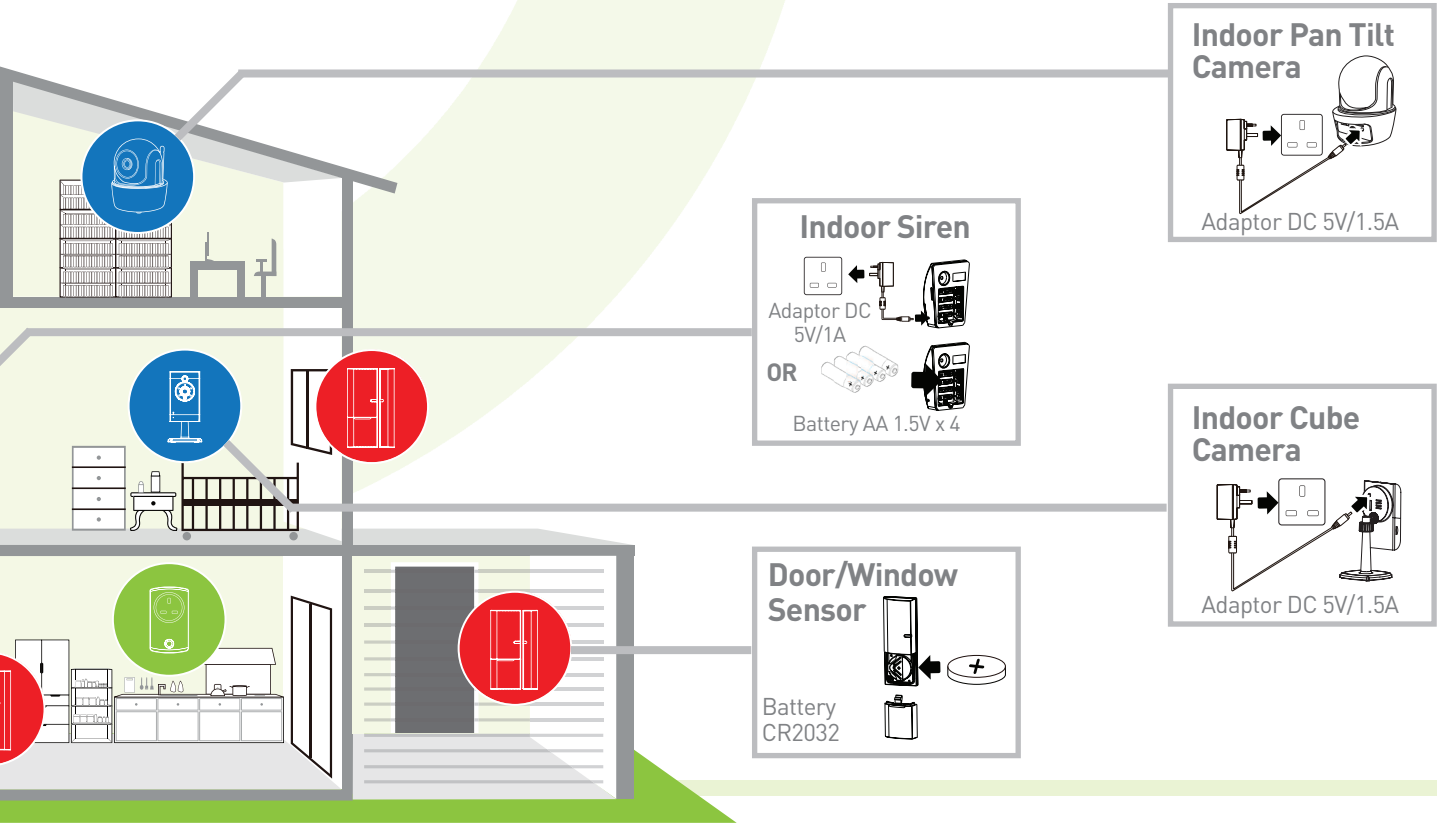
Adaptor DC 5V/1.5A

PIR Sensor



Battery AA 1.5V x 3

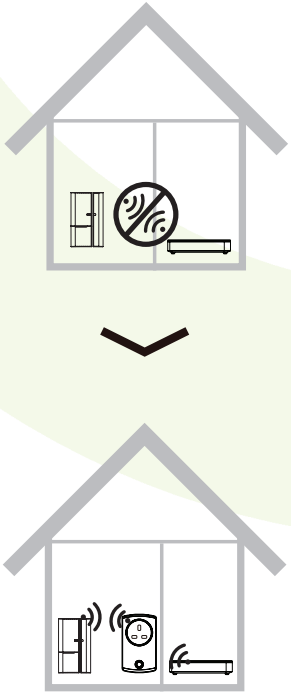
compatible Wireless Cameras, Motion Sensors, Door/Window Contact sensor, Siren and other sensors for greater protection.



Using the Power Control Socket as a Signal Repeater

In some cases, pre-existing environmental factors may affect the performance of the wireless communication between the SmartBox and sensors, such as:

- Numbers of walls between the SmartBox and the Sensor(s)
- Materials of the building structure
- Interference from unknown source



When encountering such situation, you can use the Power Control Socket as signal repeater to improve the wireless transmission service range.

Please note that at any given time, after successful setup, the Power Control Socket repeater function can extend the communication for one single sensor, such as Motion Sensor, Power On/Off Switch, Siren and Door/Window Sensor. The Power Switch will still obtain its original On/Off function after the repeater function has been activated.

To establish the repeater function, additional between the Power Control Socket (repeater) and the end Sensor will be required. For best performance, the Power Control Socket (repeater) should have direct sight with the end sensor, without any wall/obstructive objects in between.

Getting Started

The sensor(s) require sufficient battery power enable a successful pairing process and normal operation afterwords. If you cannot pair the sensor(s) to the SmartBox or operate control command, please first replace the battery supplied with a new one to resolve the issue.

Download the Android version of the Smart-i Protect App

Please go to the Google Play to search for 'Smart-i Protect' and install the app to your mobile device.

ANDROID APP ON Google play

Smart-i Protect

Download the iOS version of the Smart-i Protect App

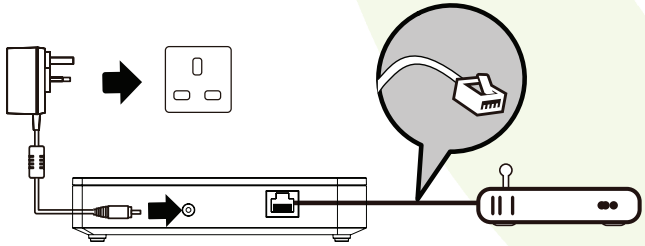
Please go to the Apple App Store to search for 'Smart-i Protect' and install the app to your mobile device.

Available on the App Store

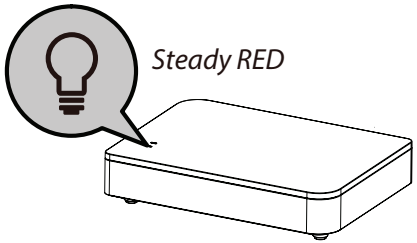
Smart-i Protect

1. Connect the SmartBox to the Internet

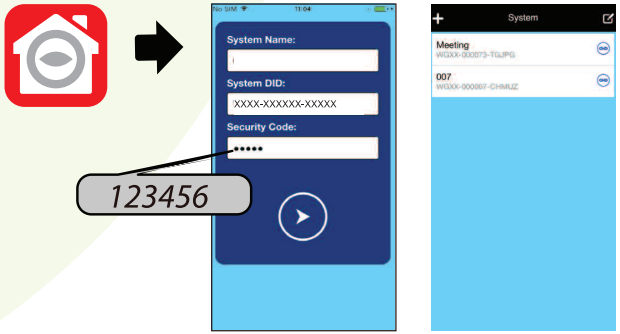
(1) First connect the SmartBox to your Wi-Fi router via the Ethernet cable supplied, then power on the SmartBox by using the power adaptor supplied .



(2) The RED LED indicator will light up and beep twice to indicate successful power up.
Seconds later the SmartBox will again beep twice to indicate it is ready for setup via the 'Smart-i Protect' App.



(3) Launch the 'Smart-i Protect' App. The App will first search for the SmartBox connected to the home Wi-Fi router and retrieve the DID automatically. Please assign the SmartBox with your preferred System Name and enter the Default Security Code '123456', tap to complete the setup. If the SmartBox DID/Security Code cannot be retrieved, please check to make sure it is powered on and the Ethernet cable is securely connected to the Wi-Fi router. Also make sure your mobile device is connected to your WiFi router.



The newly added SmartBox will now appear and you can tap it to enter the system and continue with setup for camera(s), sensor(s), switch(es) and remote control.

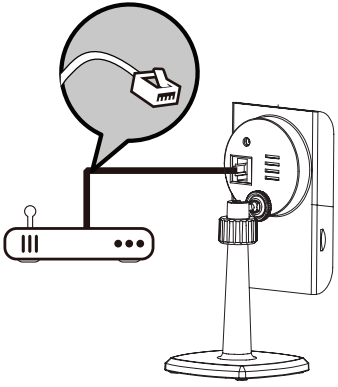
NOTE: (1) The SmartBox should be powered on and connected to the Wi-Fi router at all times. (2) Should you need to enter the SmartBox DID/Security Code manually, the DID information is located at the bottom of the SmartBox and the default Security Code is '123456'.

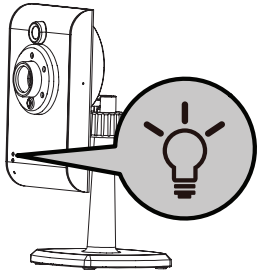
2. Setup the Cameras

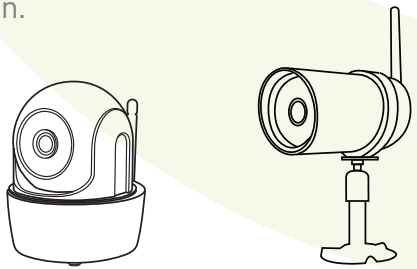
NOTE: You can ONLY setup camera(s) compatible with the system. If you have previously purchased and installed compatible camera(s), you will only need to complete steps (3) and (4) for your existing camera to work with the new system.

(1) First connect the camera to the Wi-Fi router via the Ethernet cable supplied.

(2) Power on the camera via the power adaptor supplied and wait until for both RED (power indicator) /GREEN (linkage indicator) indicators become steady on.



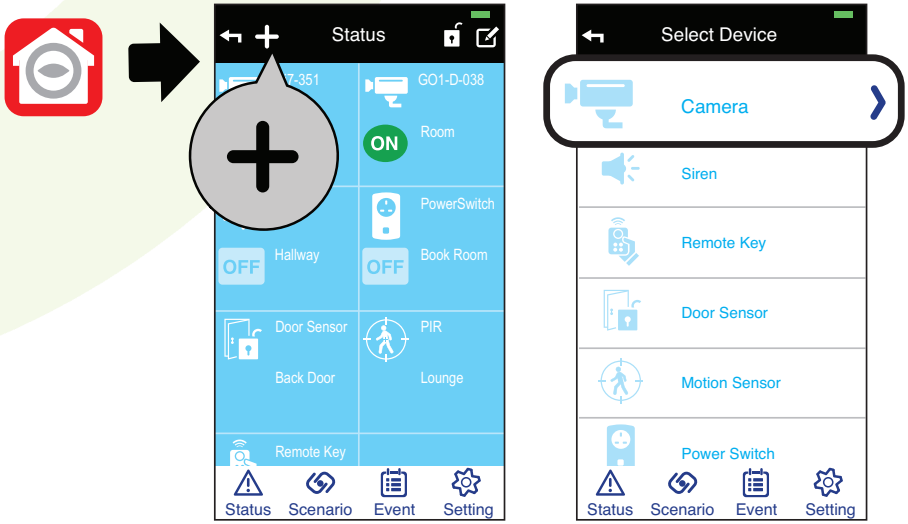




NOTE: Follow the same Setup procedure for the Pan Tilt Camera and the Bullet Camera

NOTE: DO NOT begin the App setup process until both LEDs become steady on the camera.

(3) Using 'Smart-i Protect', tap + in the 'Status' section and choose to add a new camera to the SmartBox. The app will now search for the camera connected to the router and pull in the camera DID.

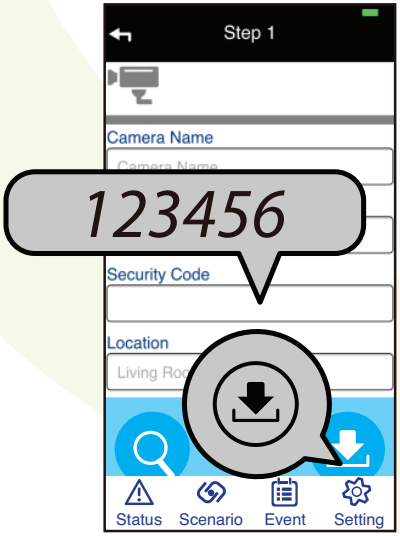


(4) Please now name your camera and specify the location of where the camera will be installed. The camera default Security Code is '123456' (previously installed camera may have been assigned with different security code). Tap 'Save' to complete pairing the camera to the SmartBox.

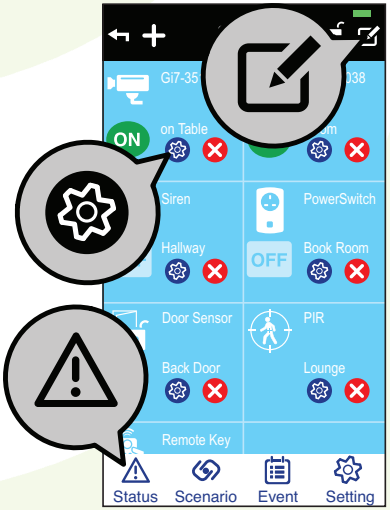
NOTE: (1) The app will first search for the available camera connected to the Wi-Fi router.

(2) If the camera cannot be found, please first check to make sure the camera is powered on and the Ethernet cable is securely connected to the Wi-Fi router, also make sure your mobile is connected to the WiFi router.

(3) You can always enter the camera DID/ password manually. The camera DID is located on the camera and the default password is '123456'.



(5) If you prefer using your own Ethernet cable, you can now swap out the cable supplied with your own (Cat 5e patch cable). For wireless connection/operation please follow Step (6).

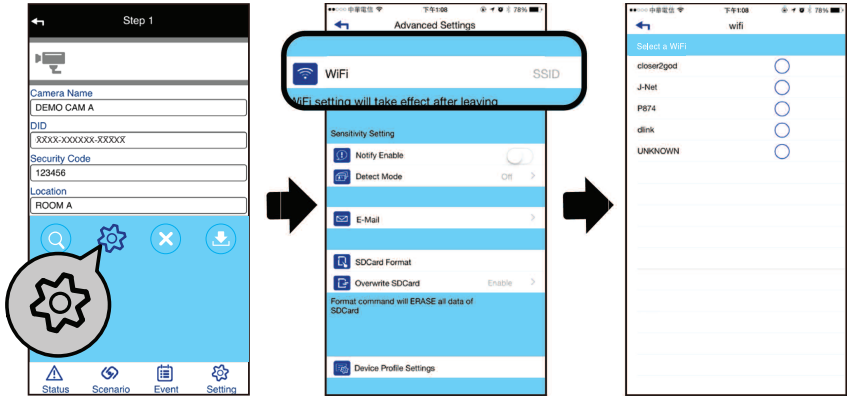


(6) For the camera to work wirelessly with the SmartBox, you will need to add your router's WiFi details to the camera: Go to ⚠ ,tap ✎ on upper right and select ⚙ to enter camera info, on the camera you want to connect to your router's WiFi.

In the camera info section, tap and enter the camera password (default: 123456) to enter Advanced Settings. In the Wi-Fi setting section, choose the router's SSID and enter it's WiFi password. The camera will automatically reboot, please wait until both LED's on the camera become steady on. You can now remove the Ethernet cable, the camera can now operate wirelessly.

Verifying the Setup

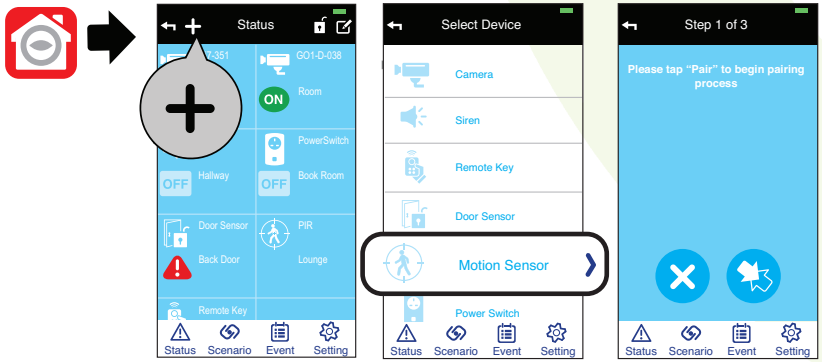
Go to Status and your new camera should ON, tap it once to see live view.



3. Pair the Motion Sensor

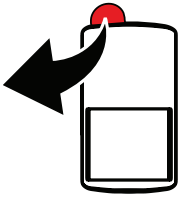
(1) Using 'Smart-i Protect', tap + in the 'Status' section.

(2) Choose 'Motion Sensor' and to initiate the pairing process.



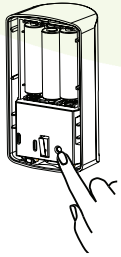
(3A) Auto Pairing Method

Remove the insulating plastic tab to start the pairing signal.



(3B) Manual Pairing Method

Press the 'Pairing' button located inside the battery compartment.



(4) Enter 'Device Name' and 'Location', tap 'Save' to complete the pairing process. The newly paired sensor will now display in the App's 'Status' section.

Verifying the Setup

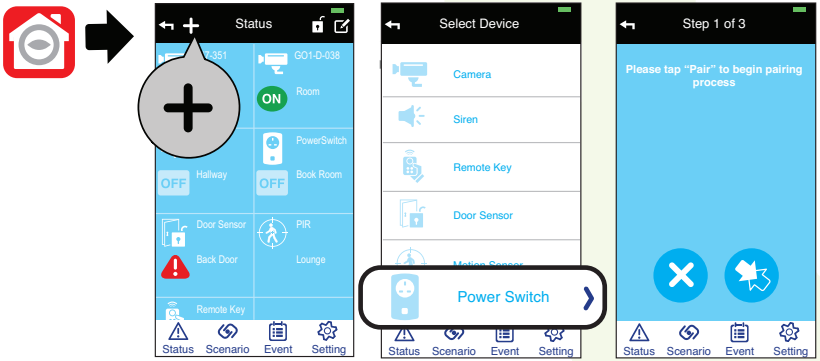
After pairing is complete, face the motion sensor towards a wall where no movement can be detected, wait for few minutes for the sensor to complete condition analysis. Wave your hand in front of the sensor and the alert indicator should appear next to the motion sensor section on the status page of the App.

NOTE: To conserve battery power, the Motion Sensor will be temporarily deactivate for 2 minutes after every trigger event. This helps to control unnecessary push notifications received on your mobile device.

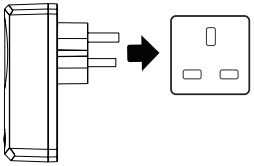
4. Pair the Power Control Socket

(1) Using 'Smart-i Protect', tap + in the 'Status' section.

(2) Choose 'Power Switch' and  to initiate the pairing process.



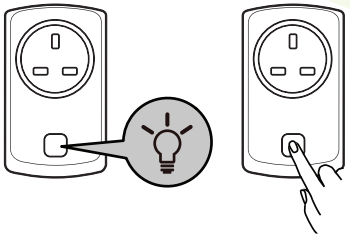
(3A) Auto Pairing Method



Plug the power switch into a socket. The LED will flash, indicating the power switch is sending out the pairing signal. When the power switch is successfully paired, it will appear on the Status page of the App.

(3B) Manual Pairing Method

Press and hold the button located in the front of the Power Switch until the blue LED begins flashing.



(4) Enter 'Device Name' and 'Location', tap 'Save' to complete the pairing process. The newly paired power control socket will now display in the App's 'Status' section.

Verifying the Setup

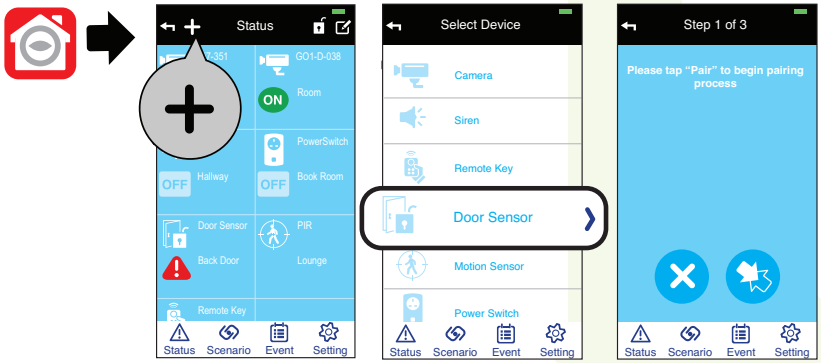
After pairing is complete, plug the power switch into an electrical socket and connect a light or lamp to the switch. If the light fixture or any other device has its own On/Off switch, please keep it in the 'On' position. Tap the power switch icon on the status page to turn the light on and off.

NOTE: The power switch can also double as 'Repeater'. This function is for advanced users. For details please refer to Power Switch/Repeater section of this manual.

5. Pair the Door/Window Sensor

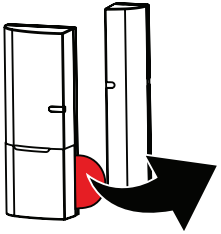
(1) Using 'Smart-i Protect', tap + in the 'Status' section.

(2) Choose 'Door Sensor' and  to initiate the pairing process.



(3A) Auto Pairing Method

Remove the insulating plastic tab to start the pairing signal.



(3B) Manual Pairing Method

Remove the battery cover and battery and then replace both.

(4) Enter 'Device Name' and 'Location', tap 'Save' to complete the pairing process. The newly paired sensor will now display in the App's 'Status' section.

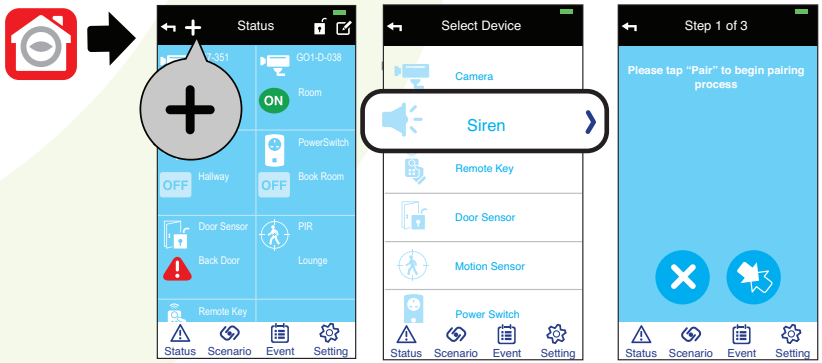
Verifying the Setup

After pairing is complete, separate the two parts of the sensor and the alert indicator should appear next to the door/window sensor section on the status page of the App.

6. Pair the Indoor Siren

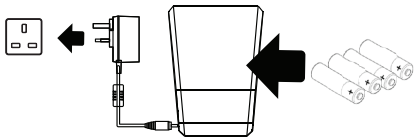
(1) Using 'Smart-i Protect', tap + in the 'Status' section.

(2) Choose 'Siren' and to initiate the pairing process.



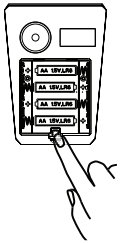
(3A) Auto Pairing Method

For the Indoor Siren to send out pairing signal, power using the adaptor or batteries supplied.



(3B) Manual Pairing Method

Press the 'Pairing' button located inside the battery compartment. Please make sure the Indoor Siren has batteries inserted or is connected to an electrical socket via the adaptor supplied.



(4) Enter 'Device Name' and 'Location', tap 'Save' to complete the pairing process. The newly paired siren will now display in the App's 'Status' section.

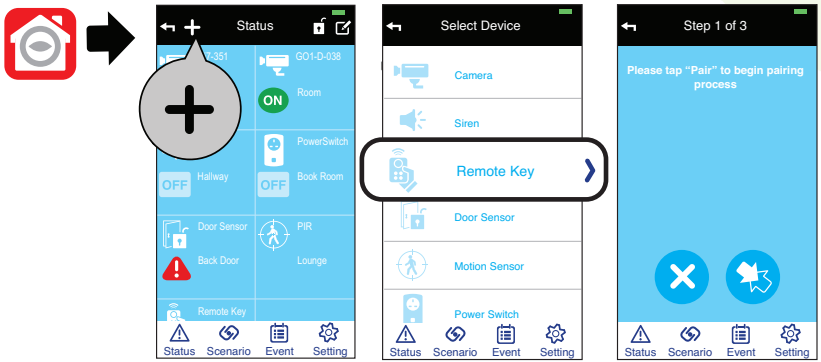
Verifying the Setup

From the 'Status' section, tap the Siren icon and turn the Siren's alert sound On and Off.

7. Pair the Remote Key

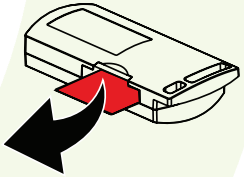
(1) Using 'Smart-i Protect', tap + in the 'Status' section.

(2) Choose 'Remote key'' and to initiate the pairing process.



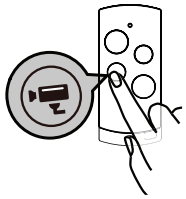
(3A) Auto Pairing Method

Remove the insulating plastic tab to start the pairing signal.



(3B) Manual Pairing Method

Press and hold the 'Camera' button on the front of the Remote Key until the blue LED begins flashing.



Verifying the Setup

Press the 'Disarm' button the SmartBox will beep once indicating the system has been disarmed.

Press the 'Arm' button the SmartBox will beep twice and a 'Countdown' pop-up will appear, select 'Disarm' to deactivate system arming.

How to install the Cameras

SAFETY AND INSTALLATION TIPS

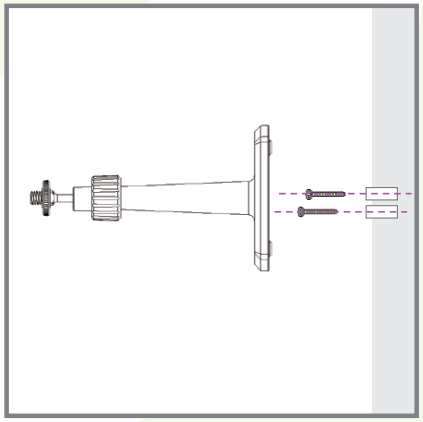
Do not attempt to open the units with the power adaptor plug connected to avoid any risk of personal injury. When installing CCTV camera(s), always follow manufacturer's advice when using power tools, steps, ladders, etc. and wear suitable protective equipment (e.g. safety goggles) when drilling holes. Before drilling holes through walls, check for hidden electricity cables and water pipes. The use of cable/pipe detector is advisable.

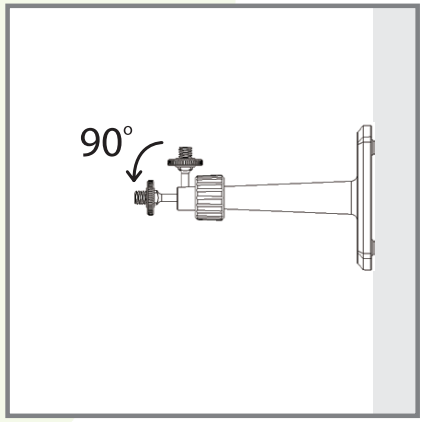
Both the Cube and Pan Tilt Cameras are designed for indoor use only, please do not install them outdoors. The Bullet Camera can be used both indoors and outdoors. To prevent a fire or electrical shock hazard, do not attempt to open the housing while the unit is exposed to water or wet conditions. There are no user serviceable parts inside. Refer servicing to qualified service personnel. Avoid pointing the camera(s) directly at the sun or any moving objects that might unnecessarily cause the camera to record.

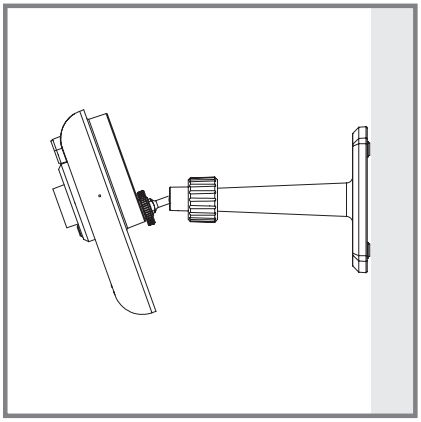
Installing the Cube Camera

(1) Secure the camera bracket on a level surface or wall mount using screws provided.

(2) Mount the camera onto camera bracket . Adjust the viewing angle and fix the camera tightly.



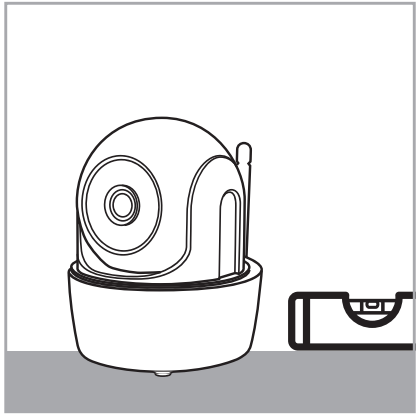




Installing the Pan Tilt Camera

(1) Place the camera on a level surface away from obstacles or potential hazards.

(2) Attach the Antenna and plug the power supply into the back of the camera.

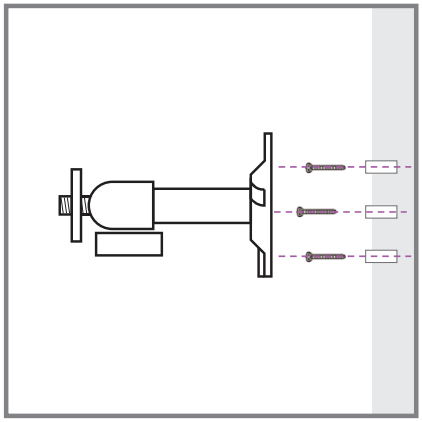


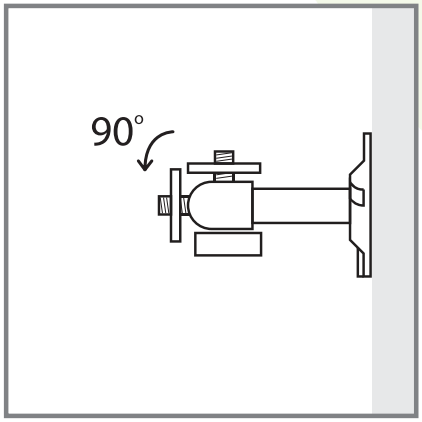
Installing the Indoor/Outdoor Bullet Camera

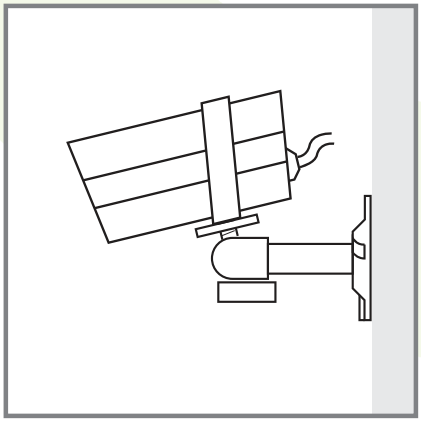
(1) Secure the camera stand on a level surface or wall mount using screws provided.

(2) Attach the Antenna and plug the power supply into the back of the camera.

(3) Mount the camera on to camera bracket. Adjust the viewing angle and fix the camera tightly.







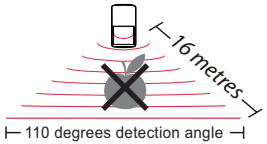
How to install the Accessories

Installing the PIR Sensor

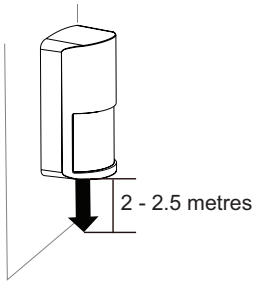
Please read the following items before installation to ensure maximum coverage of a monitored area.

(1) The PIR Sensor is most effective in areas such as hallways and entry points where intruders may likely passing through.

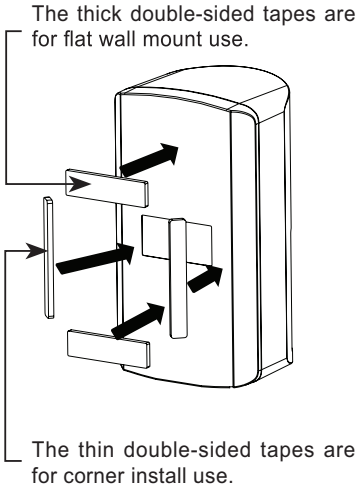
(2) The PIR Sensor can monitor movement up to 16 metres away, with 110 degrees detection angle. Make sure the PIR Sensor is angled facing towards an area with the least obstructions for best coverage.



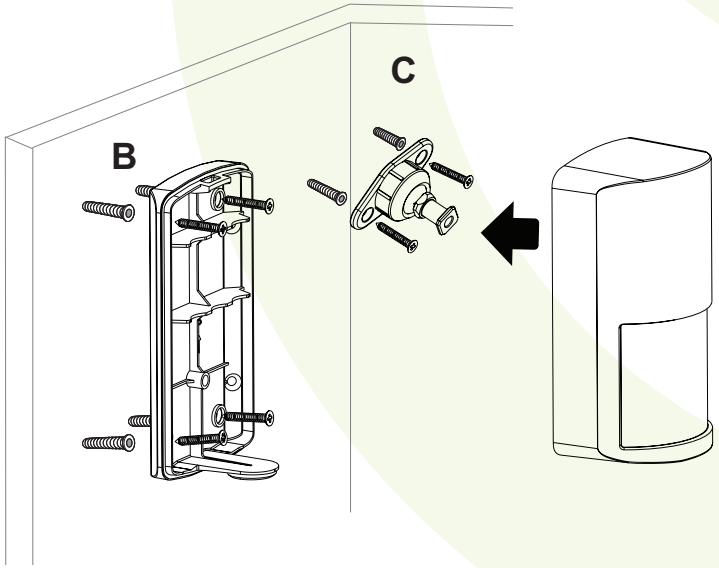
(3) It is recommanded to place the Motion Sensor in the corner of the room and between 2-2.5 metres from the floor.



Use the double-sided tape to fix the motion sensor, or use the wall mount screws to fix the device or supplied bracket onto the wall.

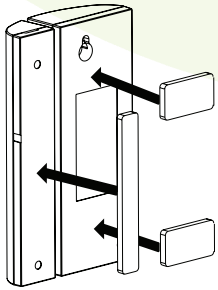


Mounting Option A



Mounting Option B/C

Installing the Door/Window Contact



Mounting Option A - Double-Sided Tape

(1) Apply the double-sided tape to the back of each part of the Door/Window sensor.

(2) Select a location on the door/window. The large piece of the sensor should be fixed on the immovable frame of the door/window.

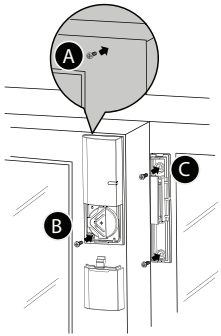
Align the small piece to the large one. Fix the small piece on the movable part of the door/window frame.

(3) When both parts are fixed, open the door or window to test if the sensor has been correctly installed. If you have installed the App and sensor correctly you'll receive an alert from your mobile device.

Mounting Option B - Mounting Screws

(1) Fix the first mounting screw directly onto the door/window frame (A). Place (hang) the larger piece on to the mounted screw, remove the battery compartment cover to fix the second mounting screw (B).

(2) Open back cover of the small piece. Use the mounting screws to fix the back cover on the movable part of the door/window frame (C). Mount the sensor onto the back cover.

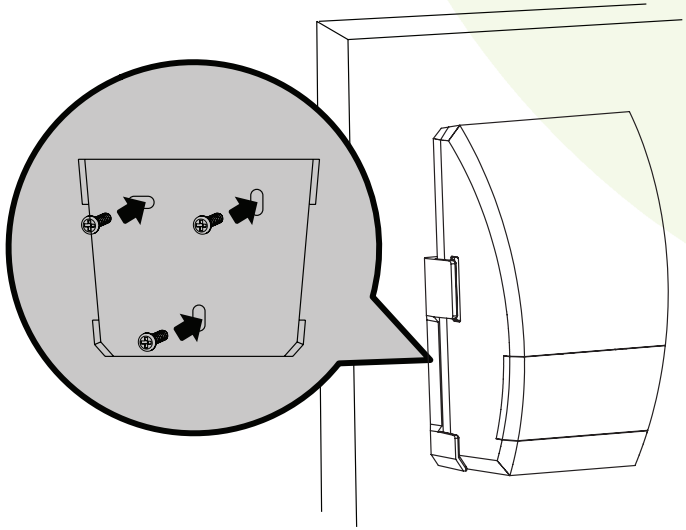


(3) When it is finished, open the door or window to test if the sensor has been correctly installed. You'll receive an alert from the mobile device if the App and sensor have been correctly installed.

Installing the Siren

It is recommended to install the siren in a highly visible location with minimum obstacles near by for maximum visual/sound alert.

If using the A/C power option (as opposed to batteries) please select suitable installation location within easy reach of an electrical socket. Secure to wall using bracket and fixing screws.



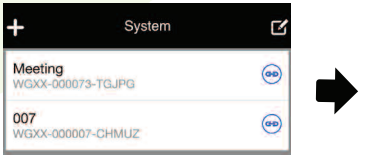
App Operation

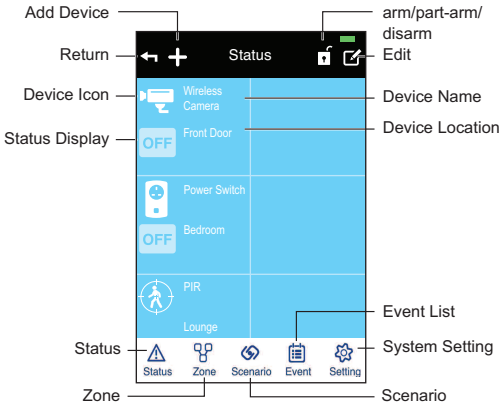
Upon selecting the SmartBox you will enter 'Status' section. In this section you can have an overview of all the cameras/sensors connected to the system and the real-time status of each, also you can carry out many important functions, such as arm/part-arm/disarm system, add/edit devices, view live-feed from cameras, control power switches, activate sirens. You can also navigate to other sections of the App by using the navigation bar.

Status Page Diagram

SmartBox Selection Section

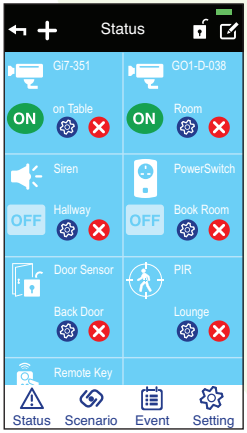
Tap on the SmartBox preferred to enter Set up Status





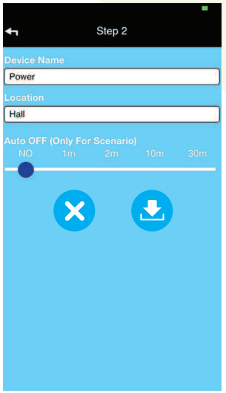
1. Status Indicator / Edit

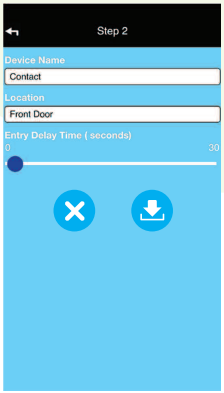
The App displays device status using sharp contrast icons so you can clearly interpret and react to the situation/event.



Status Indicator		Door/Window Close
		Door/Window Open
	ON	Sensor On
	OFF	Sensor Off
		Sensor Triggered
		Power Low
		Tamper Alert
Edit Icon		Delete
		Edit Mode

Tap 'Edit' to enter Edit Mode and select the device. You can alter the name and location information, for Power Switch you can setup Auto OFF timer (only effective for Scenario) and for Contact Sensor you can setup Entry Delay Time so after the system is armed the contact will not set off the system for 30 seconds.

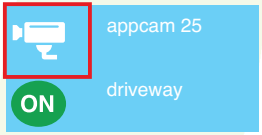


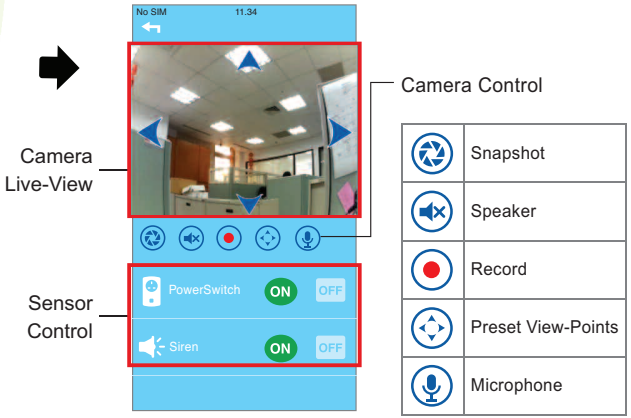


Control Camera

Tap on the Camera icon for live-view and to control Camera/Sensor(s).

Note: For Pan Tilt swipe left and right to move camera.

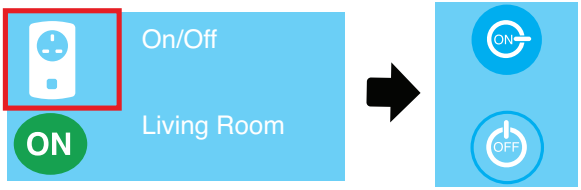




Control Power Switch

1. Tap on the Power Switch icon to control the selected Power Switch

2. Tap 'On' or 'Off' to turn Power Switch on or off



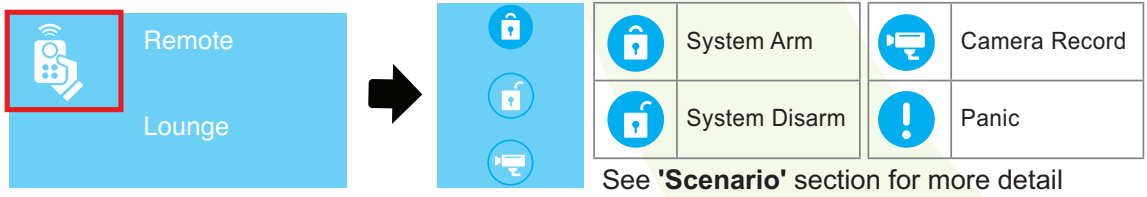
Control Siren

1. Tap on the Siren icon to control selected Siren

2. Tap 'On' or 'Off' to turn the Siren's alert sound on or off

Control Remote

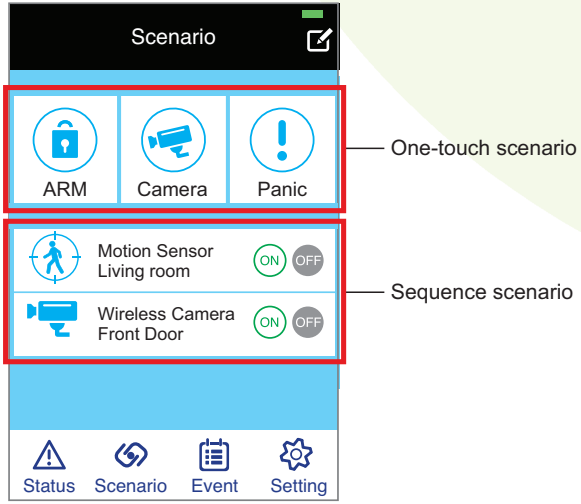
Tap on remote icon to activate in-app remote



See **'Scenario'** section for more detail

2. Scenario

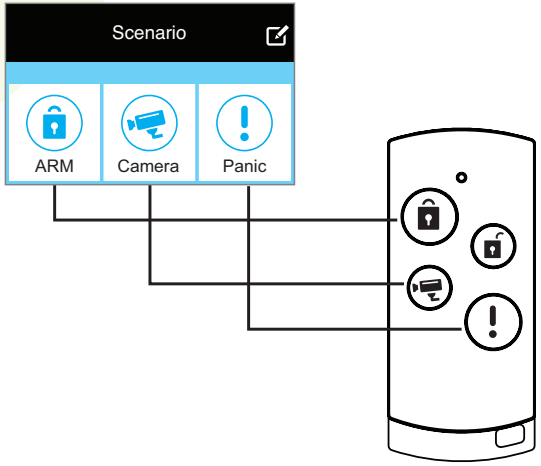
Scenario



Both the 'One-touch Scenario' and the 'Sequence Scenario' are designed for your system to carry out customised security functions after setup, such as activate single/multiple cameras and sensors for recording and alert.

One-touch Scenario

Allowing you to conveniently activate the security function with a single touch when required. The one-touch scenario section has three default controls and they connect with the control buttons on the remote controller. You can customize the content of each to fit your needs. After setup, the control buttons on the remote will carry out the same commands as the one-touch scenarios in the App.



(a) Arm/Part-Arm/Disarm:
Arm or Part-Arm preselected camera(s) and sensor(s). Select Disarm to disable system's Arm or Part-Arm status. Only after you have armed the system you will be able to receive Email/Push Notifications (see System Setting/Notifications Setup for detail).

You will have 30 seconds to exit the premise after initiating the Arm or Part-Arm function.

(b) Camera:
Activate selected camera(s) for sudden recording needs.

(c) Panic:
Activate selected camera(s), siren(s) and power switch(s) for emergency recording, alarm sound and/or lighting needs.

By default, the sensors will appear in the control group list after you have paired the sensors to the SmartBox. Please follow the next steps to edit the One-touch Scenario.

Setup the One-touch Scenario

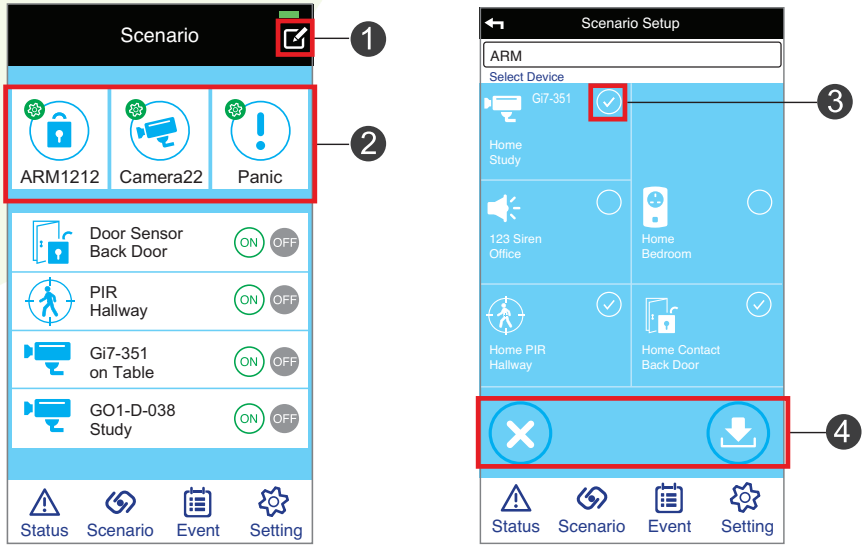
To setup customised one-touch scenarios (Arm/Camera/Panic), please go to the Scenario section and follow the next steps:

1. Tap to activate the edit mode.

2. Tap the one-touch scenario you wish to edit.

3. Rename the one-touch scenario if you wish to do so. Check mark the items you wish to include for Arm/Part-Arm, Camera and Panic scenario. Only the items selected will be activated.

4. Tap to complete setup or to exit.



Sequence Scenario

Allowing the system to automatically react to the sudden situation and carry out other predefined tasks. For example, once the motion sensor is activated, the camera will begin recording and the light turns on.

To setup the sequence scenario(s), please go to the Scenario section and follow the steps below:

1. Tap to select one of the 'initiator' (When...) from the list (example: door/window contact).

2. From the list. tap + to select the 'follow-uper' (Then..., example: camera).

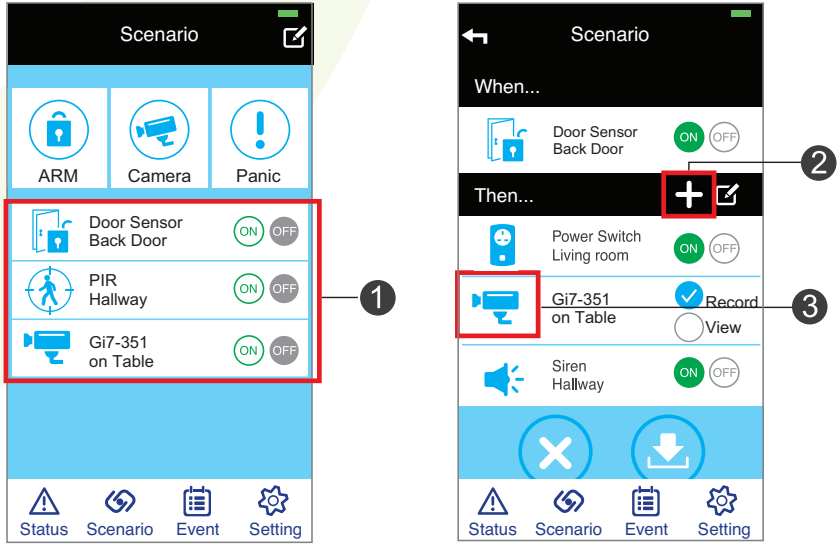
3. You can continue (tap +) to include more 'follow-uper'. Tap  to complete the setup or  to exit setup.

With the example sequence scenario, once the motion sensor (initiator) detects movement, the camera (follow-uper) will automatically begin recording.

In order for scenario to function properly, please make sure the sensor(s) in the list are activated (a). For your chosen camera you will need to check 'Record' so the camera will record video and 'View' for auto video screen popup (MicroSD card required, not supplied).

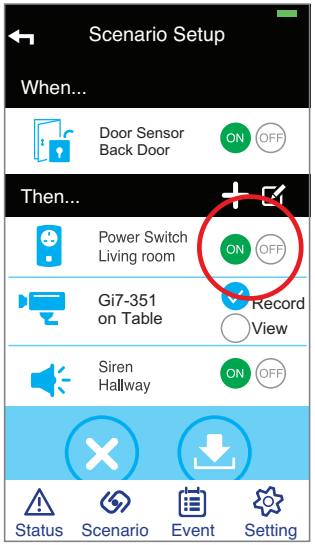
(b). Click the ' Add ' icon + to add corresponding sensor. This means when the PIR motion sensor is triggered, these actions will also be performed.

For example, if you want the camera to record, click the ' Add ' icon and choose wireless camera from the list (MicroSD card required, not supplied).



How to activate/deactivate the scenario:

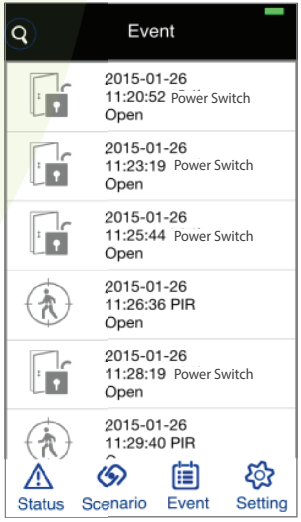
Go to the Scenario setup page and tap 'On' to activate the selected sequence scenario, or 'Off' to deactivate it.



The system will take about 10 seconds to be fully ready to deploy the scenario application after activating the scenario.

NOTE: The system will not send out any Email Alert or Push Notification when Sequence Scenario is active.

3. Event List

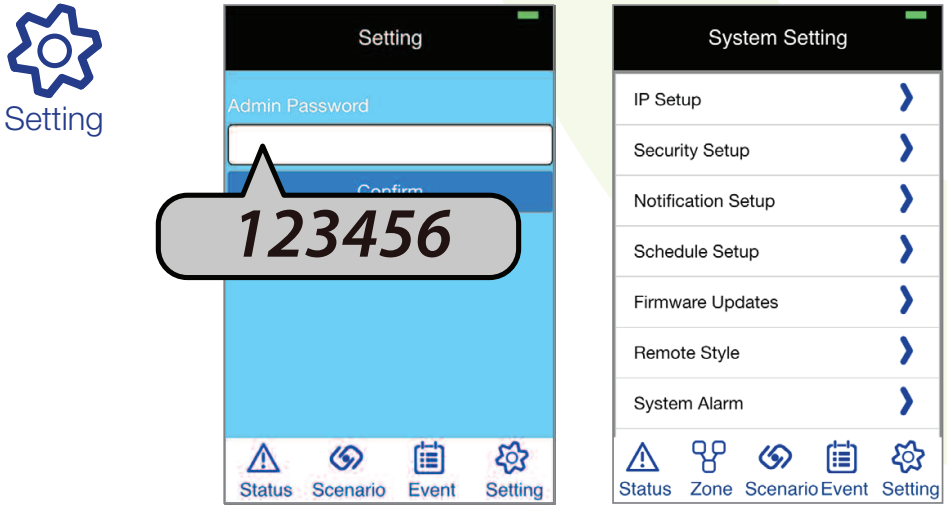


All triggered events are recorded and displayed here in the 'Event' section. You will be able to identify exactly which sensor was triggered, including the time and the date. You can also review recorded video file by tapping on the camera trigger event.*

*Camera must have MicroSD card fitted, not supplied.

4. Settings

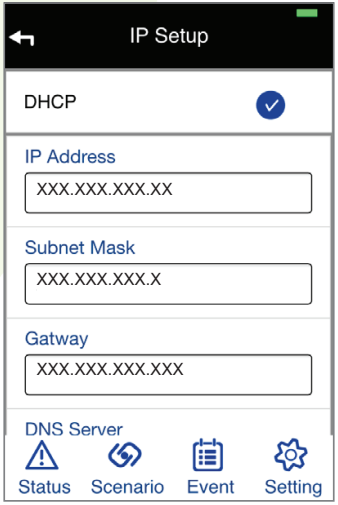
The system settings contain various options allowing you to setup/configure the system details.
The default admin password is '123456'.



NOTE: Only the user who has the admin password can alter the system settings.
Please change the default password immediately and make a note for future reference.

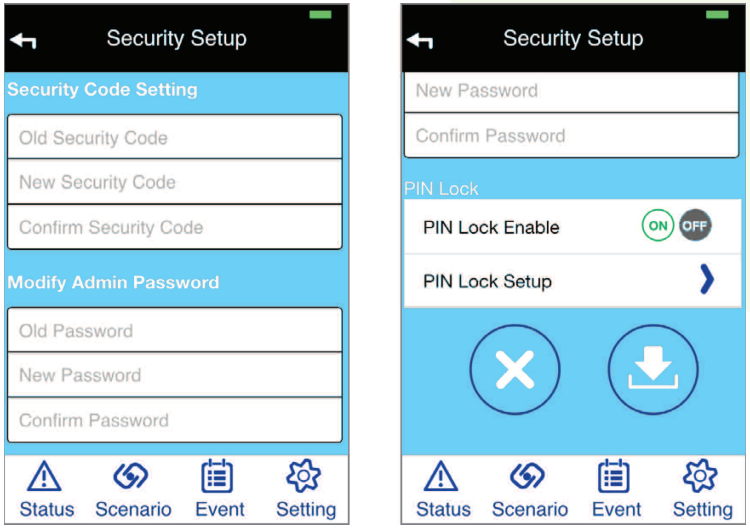
IP Setup

Setup the Internet protocol settings for the system.



Security Setup

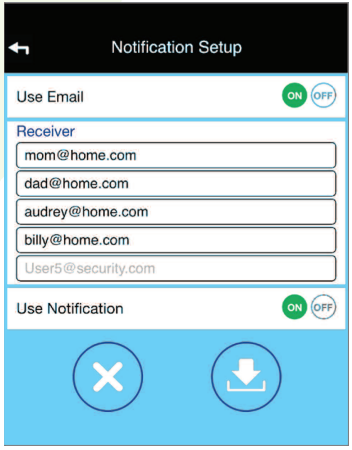
Here you can alter the system's default 'Security Code' and 'Admin Password'. Also you can enable/disable and setup the PIN Lock for the app. Once setup and enabled, you will need to enter the PIN Lock code every time you open the App.



Notification Setup

Here you can turn On/Off the Email Alert and Push Notification. For the Email Alert to function properly you will need to enter an effective email address.

Both Email/Push Notification are available for system Arm, Disarm and trigger events generated from camera, motion sensor and door/window sensor selected in the Arm/Disarm scenario section.

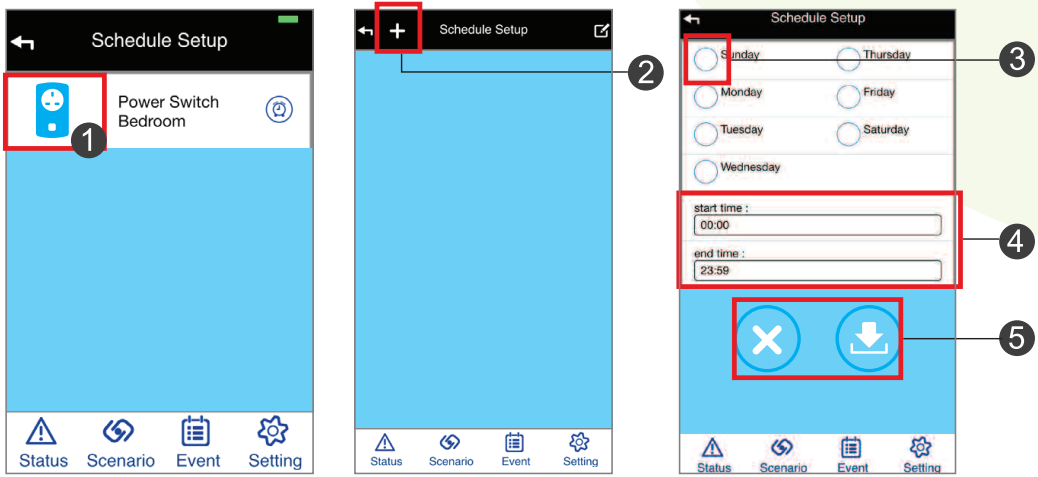


NOTE: For iOS app, if you turn off the Notification function here you and others will not be able to receive push notifications, even you have turned on the notification function in the notification section of the iOS system settings.

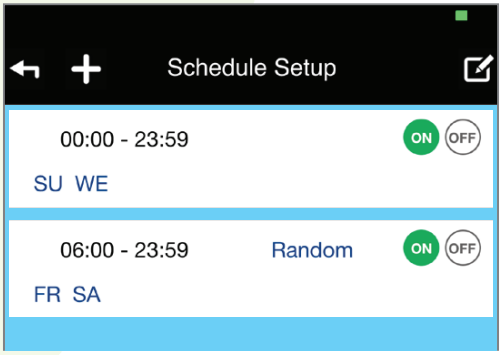
Schedule Setup

This is designed specifically for the power switch. After you have setup the selected power switch(s) can turn on/off accordingly. Please follow the steps below to complete setup:

1. From the list, tap the switch you wish to setup.
2. Tap + to begin setup.
3. Check mark the days.
4. Define 'start' and 'end' time.
5. Tap ⬇ to complete setup or ✕ to exit setup.



For Power Switch, you can also select Random On/Off. This is good for creating "someone is home" scenario to deter possible intruders.

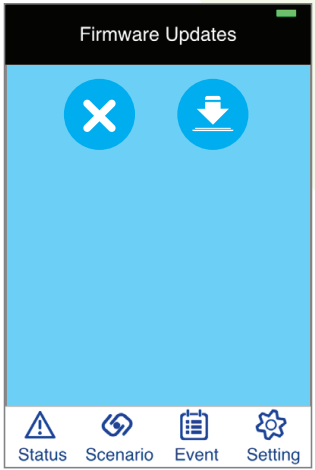


NOTE: Since the system automatically synchronises its clock with Network Time Protocol (NTP) via the Internet therefore the Protect schedule setup will not operate normally if the system is not connected to the Internet.

(NTP) is a networking protocol for clock synchronisation between computer systems and servers over the Internet.

Firmware Updates

Here you can check to see if any new updates are available. To begin, tap on 'Download' and if a new update is available, the popup screen will ask you if you wish to proceed, select 'Yes' and the Smart-i Protect app will automatically download and install the new update.

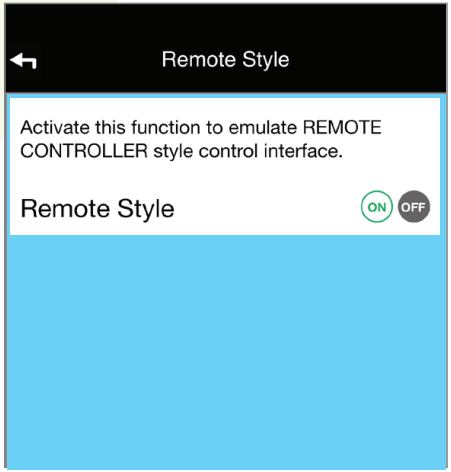


NOTE: Please do not power off the SmartBox or unplug the Ethernet cable connected to it during the update.

Remote Style

The 'Remote Control' mode is designed for easy operation. The control functions are the same as the 'One-touch Scenario' and the remote controller.

Once you have activated the function, next time you start the Smart-i Protect App or go back to the Home screen it will only display the 'Remote Control'. To deactivate, go to system setting and deactivate the function in the 'Remote Style' section.

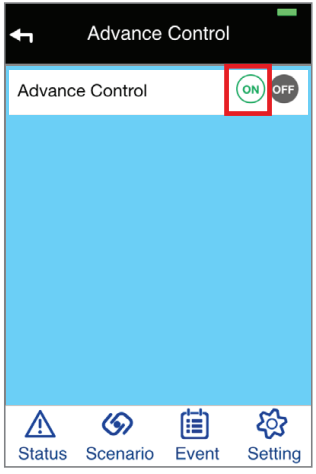


Advance Control

Here you can turn on the 'Zone' function. This function is for advanced users only. The 'Zone' function can control camera(s) and power switch(s) and can be activated/deactivated with one single touch. You can have up to 9 Zone controls, with each customised to fit your needs. To activate the 'Zone' function, please follow the steps below:

1. Go to System Setting, in the 'Advanced Control' section, turn on the 'Advance Control'.

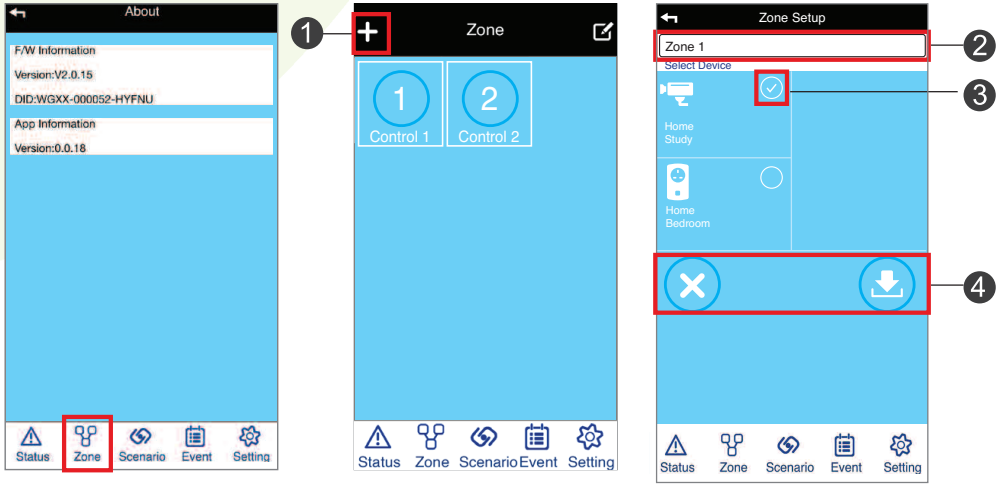
2. The 'Zone' control function will appear at the bottom of the navigation section after exiting System Setting.



About

The system ID (DID), firmware and App information.
To setup the 'Zone' control, please go to 'Zone' section follow the steps below to complete the setup.

1. Tap + to begin.
2. You can personalise the Zone name.
3. Check mark the camera(s) and/or power switch(s) you wish to include for control.
4. Tap ⬇ to complete the setup or ✕ to exit setup.



Another useful feature

Using the Power Switch as Repeater - Repeater Setup

To Activate the Repeater Function of your Power Switch

First make sure the Power Switch and the end Sensor have been successfully paired/connected to the SmartBox. See "Sensor Pairing" section for more detail.

Step 1 - Press/hold the button located on the front of the Power Switch until the LED begins to flash in blue and orange.

Step 2 - While the LED on the Power Switch is flashing blue and orange, activate the pairing mechanism on the Sensor. The LED on the Power Switch will turn steady orange indicating the repeater pairing process is complete.

NOTE: You will not be able to control the end Sensor if the Power Switch (repeater) is removed. Reinstate the Power Switch to regain the control and communication between SmartBox and end Sensor.

To Deactivate the Repeater Mode

1. Unplug the repeater Power Switch.

2. Press and hold the button in front of the switch and plug the switch back to the socket with the button pressed, do not let go of the button until the LED begins to flash (Blue).

The LED indicator on the repeater Power Switch now should light up in Blue, indicating the repeater function has been deactivated.

Both Power Switch and the end sensor will require pairing with the SmartBox to resume their normal operation. Please see 'Sensor Pairing' section for more details.

Troubleshooting

Problem	Possible Cause
The SmartBox is not working	- Check the DC power adapter. Make sure it is correctly plugged in. - Check the Ethernet cable. Make sure the connector is plugged into the Ethernet socket and the other end plugged into the router.
The sensor is not functioning	- Check the battery polarity and make sure the battery has enough power to function correctly. Replace the batteries if necessary. - Make sure the SmartBox is powered on. As the control centre of the system, it should be left powered on all the times. - Sensor malfunction. Pair the sensor to SmartBox again.
Low Battery	- The batteries that power the sensor is in low-power status. Replace the batteries for the sensor(s).
Cannot remotely connect to the system from mobile device	- Check the network connection status LED above the Ethernet cable on your router and the SmartBox. The orange LED indicates the network socket is powered on. The green LED indicates the network status.

	If the Green LED becomes STEADY GREEN instead of flashing, it means the network connection has failed. Please make sure the router is functioning properly, re-connect the Ethernet cable and power on the SmartBox again.
What should I do if I forget the password or network configuration settings?	- Press the Reset button on your router.

Product Specifications

SmartBox

Model Number	SHG100
Operation Voltage	DC 12V/1A
Ethernet	10/100Mbps
Signal Frequency	868.3 MHz
Battery Backup	Built-in (Up to 8 hours)
Operating Environment	Indoor
Dimensions (WxHxD)	167 x 37.37 x 130mm

WiFi HD Cube Camera with PIR

Model Number	SHC100
Wireless Compatible	IEEE 802.11 b/g/n
Sensor	Mega Pixel CMOS
Frequency	2400MHz~2485MHz
Protocol	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Authentication	DID/Password
Image Compression	H.264

Image Resolution	HD 1280 x 720
Lens	HD Wide Angle
IR Distance	10 metres
Power Source	DC-in 5V/1.5A
Operating Temp.	-10°~50°C
Operating Humidity	20~80% RH (none-condensing)
Operating Environment	Indoor
Dimensions (WxHxD)	63 x 103 x 38mm

WiFi HD Indoor Pan Tilt Camera

Model Number	SHC200
Wireless Compatible	IEEE 802.11 b/g/n
Sensor	Mega Pixel CMOS
Pan/Tilt Angle	Pan: 270°, Tilt: 90°
Frequency	2400MHz~2485MHz
Protocol	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Authentication	DID/Password
Image Compression	H.264
Image Resolution	HD 1280 x 720
Lens	HD Wide Angle
IR Distance	10 metres

(continued overleaf)

Power Source	DC-in 5V/1.5A
Operating Temp.	-10°~50°C
Operating Humidity	20~90% RH (none-condensing)
Operating Environment	Indoor
Dimensions (WxHxD)	91.76 x 118 x 100.30mm

WiFi HD Indoor/Outdoor Bullet Camera with PIR

Model Number	SHC300
Wireless Compatible	IEEE 802.11 b/g/n
Sensor	Mega Pixel CMOS
Frequency	2400MHz~2485MHz
Protocol	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Authentication	DID/Password
Image Compression	H.264
Image Resolution	HD 1280 x 720
Lens	HD Wide Angle
IR Distance	15 metres
Power Source	DC-in 5V/1.5A
Operating Temp.	-10°~50°C
Operating Humidity	20~90% RH (none-condensing)
Operating Environment	Outdoor
Dimensions (WxHxD)	73 x 78 x 123mm

Wireless PIR Sensor

Model Number	SHDP
Signal Frequency	868.3 MHz
RF Range	150M (open field conditions)
Max. Detection Range	16M
Detection Angle	110°
Battery Type	3 x 1.5V AA Batteries (included)
Battery Life	Estimated up to 2 years (Based on 200 triggers per day)
Low Battery Warning	Yes (LED warning light and in App)
Tamper Detection	Yes
Operating Temp.	0°~40°C
Operating Humidity	10%~80%RH
Operating Environment	Indoor
Dimensions (WxHxD)	61.4 x 110 x 51.6mm

Wireless Door/Window Contact

Model Number	SHDM
Signal Frequency	868.3 MHz
RF Range	150M (open field conditions)
Battery Type	1 x CR2032 Battery (included)

(continued overleaf)

Battery Life	Estimated up to 2 years (Based on 10 triggers per day)
Low Battery Warning	Yes (LED warning light and in App)
Tamper Detection	Yes
Operating Temp.	0°~40°C
Operating Humidity	10%~80%RH
Operating Environment	Indoor
Dimensions (WxHxD)	Large piece: 27 x 71 x 14mm Small piece: 13 x 71 x 13mm

Wireless Remote Control

Model Number	SHR100
Signal Frequency	868.3 MHz
RF Range	150M (open field conditions)
Battery Type	1 x CR2032 Battery (included)
Battery Life	Estimated up to 2 years (Based on 200 triggers per day)
Low Battery Warning	Yes (LED warning light and in App)
Operating Temp.	0°~40°C
Operating Humidity	10%~80%RH
Operating Environment	Indoor
Dimensions (WxHxD)	30 x 60 x 14mm

Wireless Power Control Socket and Repeater

Model Number	SHP100R
Signal Frequency	868.3 MHz
RF Range	150M (open field conditions)
Plug Type	UK
Load Switch Capability	3000W
Power Source	240V AC
Operating Temp.	0°~40°C
Operating Humidity	10%~80%RH
Operating Environment	Indoor
Dimensions (WxHxD)	59.2 x 100.2 x 31.5mm

Wireless Indoor Siren

Model Number	SHS100
Signal Frequency	868.3 MHz
RF Range	150M (open field conditions)
Power Source	DC-in 5V/1A (4x AA batteries as backup power, included)
Battery Life	Estimated up to 2 years (Based on 10 triggers per day)
Piezo Siren	Maximum 110dB
Low Battery Warning	Yes (LED warning light and in App)

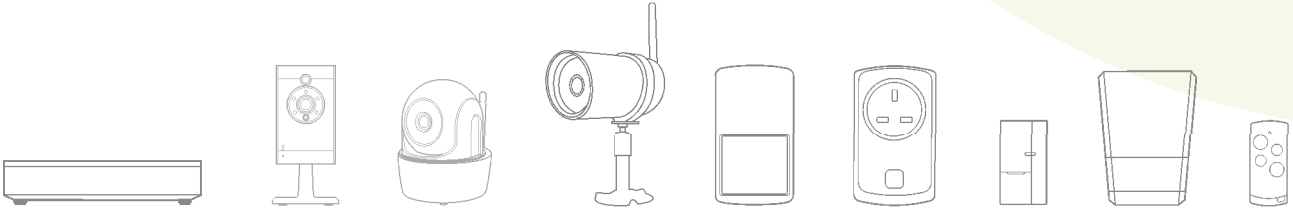
(continued overleaf)

Tamper Detection	No
Operating Temp.	-10°~50°C
Operating Humidity	10%~80%RH
Operating Environment	Indoor
Dimensions (WxHxD)	80 x 120 x 35mm

SMARTI

TECHNICAL SUPPORT

For technical support, please contact your local distributor. Alternatively, call 0871 222 1430



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