



Installation and Operating Instructions



MaxGuard *Pro*

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT
AND KEEP THIS MANUAL FOR FUTURE REFERENCE.

CONTENTS

KIT CONTENT	1
INTRODUCTION	3
Using the Power Switch sensor as a signal repeater	6
GETTING STARTED	7
Download the iMAXWELL APP.....	7
Add a new system	7
Pairing the Camera	9
Pairing the Motion Sensor.....	11
Pairing the Power On/Off Switch	12
Pairing the Door/Window Sensor	13
Pairing the Indoor Siren	14
Pairing the Remote Key	15
Pairing the Smoke Sensor	16
Pairing the Outdoor Siren	17
Pairing the Water Leak Sensor	18
Pairing the RF Keypad.....	19
INSTALL THE CAMERA	20
INSTALL THE SENSOR.....	21
APP OVERVIEW	26
Edit Device	28
Scenario	34
Sequence Scenario.....	34
Event	36
Playback.....	36
Alarm	37
ADVANCED SETTINGS.....	38
ADDITIONAL USEFUL FEATURE	41
TROUBLESHOOTING	42
FREQUENTLY ASKED QUESTION	43
PRODUCT SPECIFICATION	50

IMPORTANT SAFETY NOTICE

Please keep the button cell out of reach of Children. Do not place button cell in the mouth as by doing so can cause severe injuries if swallowed.

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, gateway, sensors and cameras are electronic devices. Power cords, 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 operation environment.

Note: This information includes references to power adapters and batteries. In addition to the security kit, some products (such as additional cameras) ship with external power adapters. If you have such a product, this information applies to your product. In addition, some sensors contain a coin-sized battery that provides power to the sensors. Please keep the coin-sized battery 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 pulls the cords or cables and it becomes wrapped around the neck. Please make sure cords and cables are placed out of reach of the children.

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 authorized service.

As with any electronic device, pay close attention to the product when it is turned on. On very rare occasions, you might notice an odor or see a puff of smoke or sparks vent from your product. Or you might hear sounds like popping, cracking 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 the Customer Support Center for further guidance.

Frequently inspect your security system and its components for damage or wear or signs of danger. If you have any question about the condition of a component, do not use the product. Contact the

Customer Support Center or the product supplier 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 Center for further guidance.

- Power cords, plugs, power adapters, extension cords, 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 odor that comes from the product.
- Signs that liquid has been spilled or an object has fallen onto the gateway, sensor and camera, and the power cord or power adapter.
- The gateway, sensor, 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.

Note: If you notice these conditions with a product, stop using that product until you can contact the product supplier for further instructions.

WARNINGS

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

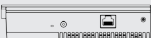


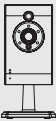


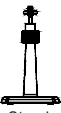
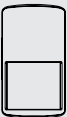




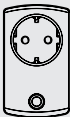




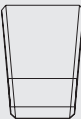





Attempting to use this product on non-approved powerlines may have hazardous consequences.

KIT CONTENT



DO NOT REMOVE THE INSULATING PLASTIC on the sensors. It will activate the pairing process. Please follow the sections below to complete installation.

If you have already removed the insulating plastic tab, please refer to the pairing sensor section to add sensor(s) to the system.

Gateway X 1		 x 1	Adaptor DC 12V/1A	 x 1	Ethernet cable 2M
Wireless Camera X 1		 x 1	Adaptor DC 5V/1.5A	 x 1	Ethernet cable 2M
				 x 1	Stand
Motion PIR X 1		 x 3	Battery AA 1.5V	 x 1	Sticky pad Set
				 x 1	wall mount Set
				 x 1	Bracket
On/Off Switch X 1		NA			
Door/Window Sensor X 1		 x 1	Battery CR2032	 x 1	Sticky pad Set
				 x 1	Screw Set
Indoor Siren X 1		 x 1	Adaptor DC 5V/1 A	 x 1	Bracket
				 x 1	Screw Set
Panic Key X1		 x 1	Battery CR2032		

Water Leak
Sensor
X 1



Battery AA 1.5V



x 1

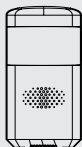
Detector Cable



x 1

Screw Set

Outdoor Siren
X 1



x 1

Adaptor DC 5V/1.5A



x 1

Wall Bracket



x 1

Screw Set

Smoke Sensor
X 1



x 2

Battery AA 1.5V



x 1

Bracket



x 1

Screw Set

RF Keypad
X 1



x 4

Battery AA 1.5V



x 1

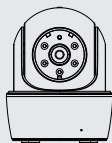
Wall Bracket



x 1

Screw Set

Camera
X 1



x 1

Adaptor DC 5V/1.5A



x 1

Ethernet cable 2M



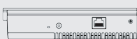


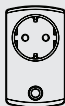

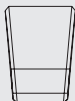

x 1

Antenna

INTRODUCTION

The MaxGuard *Pro* is an expanded security system that combines power management to make your life more secure and energy efficient. You can scale up the coverage anytime by implementing additional sensor(s) and/or camera(s).

The system is easily accessed from anywhere via Internet. The iMAXWELL app allows you to view/record video, turn power switch(es) on/off, activate/deactivate the siren manually or automatically. To set scenarios function that the system will automatically respond to the situation even you're not at home/office.

Product Name	Function
Gateway 	The central control of the Secure Home Connect system. It provides communication for remote access, sensors and mobile devices. Gateway can send out push notification and Email when sensor(s) is triggered.
Wireless Camera 	Offers day/night on-site/remote live-view (visual verification) and video recording and storage. The camera also has dual-layer motion detection consist of hardware PIR sensor and embedded video image analyzer for maximum protection.
Motion PIR 	The Motion PIR built for larger area detection, such as living room or entrance. Once motion is detected, the Motion PIR can alert system and activate On/Off Switch (turning on light), Siren (alert sound) and Camera (view/record). Note: To conserve battery power, the Motion Sensor will be temporarily deactivated for 2 mins after every trigger event. This is also good for controlling the unnecessary push notifications receiving on your mobile device.
On/Off Switch 	The On/Off Switch can be controlled via app (On/Off), Door/Window Sensor (trigger on), PIR (trigger on) and Panic Remote (preset on). The On/Off Switch can also act as repeater to extend the service range for one single device, such as On/Off Switch and Indoor Siren.
Door/Window Sensor 	The Door/Window Sensor is installed on the door/window. When triggered, it can activate On/Off Switch (turning on light), Siren (alert sound) and Camera (view/record).
Indoor Siren 	The Siren can be controlled via the App and Panic Remote (activate/deactivate) or triggered by other devices such as Camera, Door/Window Sensor and Motion Sensor.
Rmote Key 	Use Remote Key to ARM/DISARM system, activate the camera recording function and set off Siren. You can predefine different which sensor(s) to work with the Remote Key. The control of the Remote Key correlates with the app's On-Touch-Scenario.

Product Name

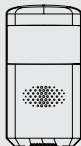
Function

Water Leak
Sensor



Detects flood/water leak. The Water Leak Sensor is always armed and will alert user by its built-in siren, further by informing the system abnormal situation is happening so system can sent out push notifications to user(s) and carry out preset functions. The user has the option to expand the detection area by adding additional detection cable.

Outdoor
Siren



The Outdoor Siren can be controlled via the app and Panic Remote (activate/deactivate) or triggered by other devices such as Maxwell camera, Door/Window Sensor and Motion Sensor.

Smoke
Sensor



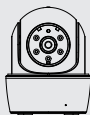
Detects the smoke generated from fire. The Smoke Sensor is always armed and will alert user by its built-in siren, further by informing the system abnormal situation is happening so system can send out push notifications to user(s) and carry out preset functions. Besides being a part of the Maxwell system, the Smoke Sensor can function as a standalone device as well.

RF Keypad



RF Keypad - The RF Keypad is for wall-mount near the entrance for System Arm/Part-Arm/Disarm, either manually or via its RF Tag. The RF Keypad can also activate the Panic function for Maxwell Camera to record, Lights on and Indoor/Outdoor Siren sound off by one touch.

Wireless
PT Camera

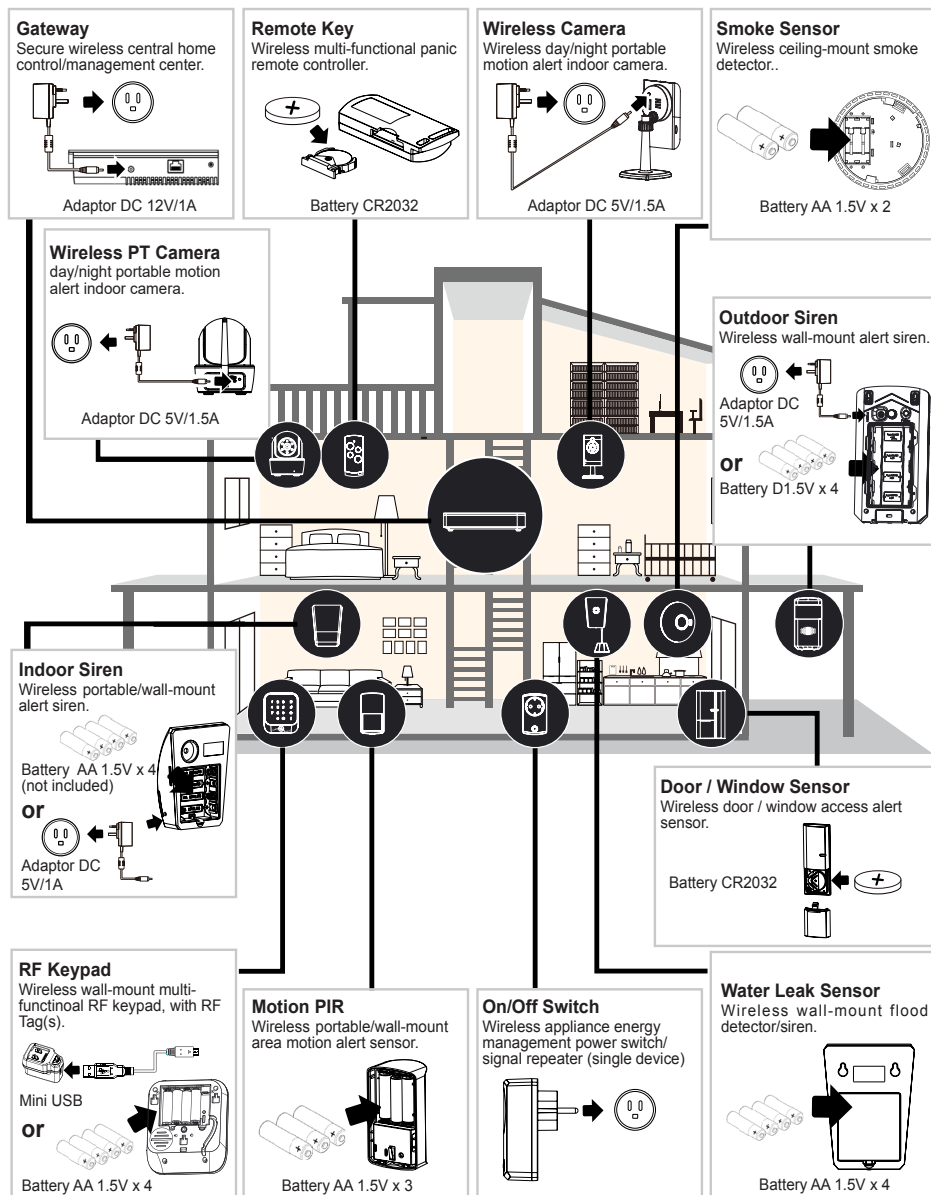


Offers day/night on-site/remote live-view (visual verification) and video recording and storage. For indoor PTZ models only. Camera able to auto position to pre-defined angles upon trigger events via Contact / Motion PIR

Note: Maintenance Function, Disabling the system alarm when release the tamper button (battery change).

Steps: Program mode > enter security code > Press "9" > remove keypad from the wall bracket> change battery > remount the keypad.

The diagram below shows the suggested location(s) for Secure Home Connect. Use this as a guide for your installation. The system is expandable with additional compatible wireless cameras, motion sensors, door/window contact sensors, sirens or other sensors (not included in this product kit) for greater protection.



Using the Power Switch sensor as a signal repeater

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

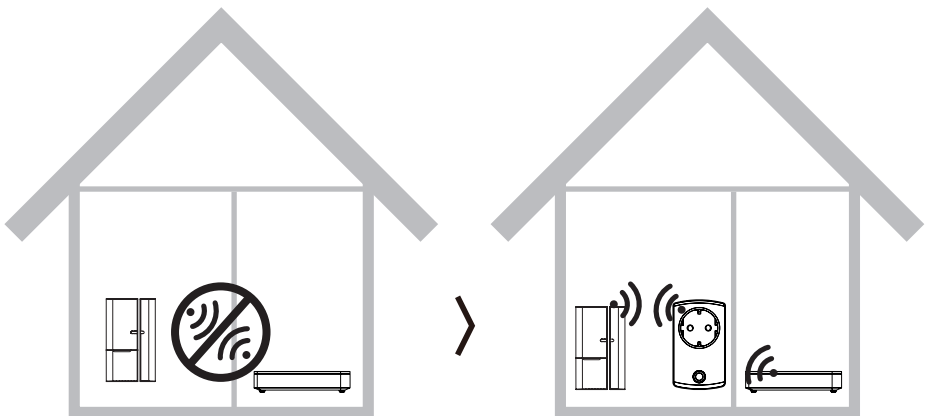
- Numbers of walls between the gateway and the sensor(s)
- Materials of the building structure
- Interference from unknown source

When encountering such situation, you can use the Power On/Off Switch as signal repeater to improve the wireless transmission service range.

Please note that at any given time, after successful setup, the Power Switch 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 Switch (repeater) and the end Sensor will be required.

For best performance, the Power Switch (repeater) should have direct sight with the end sensor, without any wall/obstructive objects in between.



Please follow the procedures in the 'Repeater Setup' section to complete the process.

GETTING STARTED

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

Make sure your mobile device is connected to the local WiFi through out the whole setup & pairings.

Download the iMAXWELL App

Go to the Apple Store/Google Play to search for iMAXWELL and install the app to your mobile device.

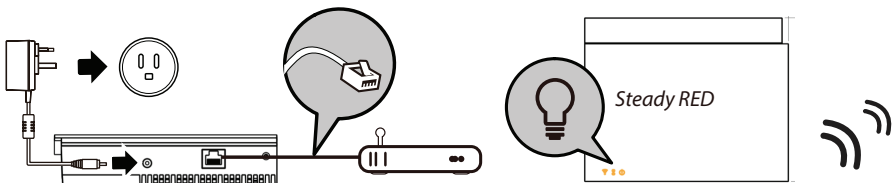


iMAXWELL



Add a new system

- (1) Connect the gateway to Wi-Fi router via the Ethernet cable supplied, then plug in the power adapter. The Red Power indicator will light up, and the gateway will beep twice which indicates its ready for setup.



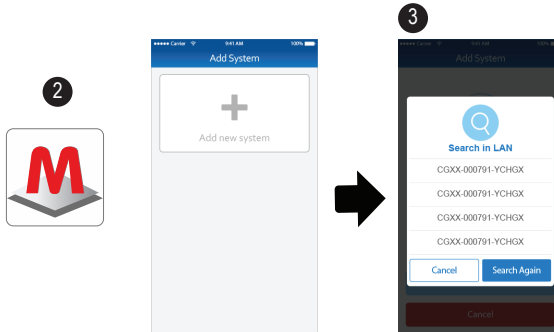
Note:

At first time, the gateway and smart phone should be connected to the same Wi-Fi router.

(2) Launch the 'iMAXWELL' app, tap "+" to add new system.

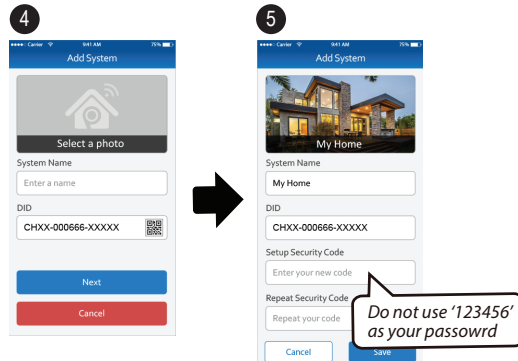
(3) The app will automatically search for the gateway's unique identifier, then tap "Next".

If it does not detect, check the gateway is powered on and the Ethernet cable is securely connected to the Wi-Fi router.



(4) Name your system, as an option, you can select a photo you prefer or take a photo as a front icon. Then tap "Next".

(5) Enter a new security code using letters and/or numbers, and again to confirm (**Do not use '123456' as your password**), then tap "Save". You must use a minimum of 6 characters.



Note:

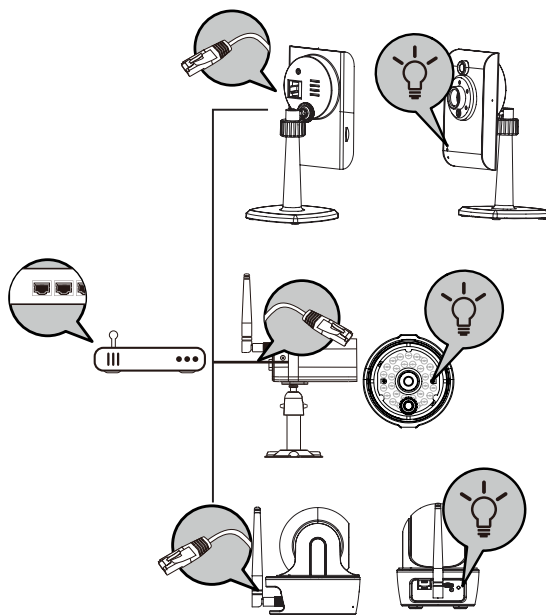
- (1) The gateway should be powered on and connected to the Wi-Fi router at all times.
- (2) Enter the gateway's DID manually, the DID information is located at the bottom of the gateway and the default security code is '123456'.

The newly added gateway is appear. Continue with pairing the camera(s), sensor(s), switch(es) and remote control.


Note: You can ONLY setup using camera(s) specified compatibility with the system. If you have previously purchased and installed compatible camera(s), follow the steps below to add your cameras to the new system.

Pairing the Camera

- (1) Connect the camera to the Wi-Fi router using the Ethernet cable supplied.
- (2) Power up your camera using the power adaptor supplied and wait until for both RED (power indicator) /GREEN (linkage indicator) indicators become steady on.



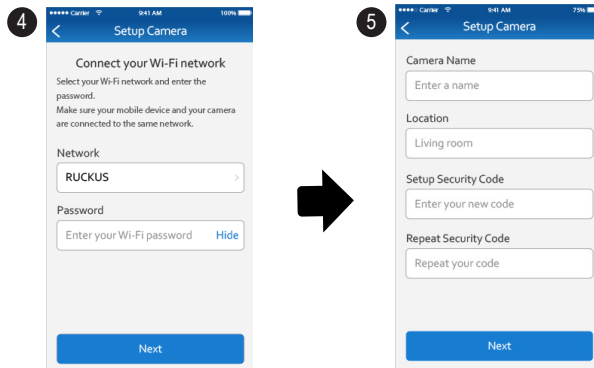
Note: Make sure the micro SD card is inserted into the memory card slot for the camera to record. DO NOT begin the APP setup process until both LEDs become steady on. Pan & tilt have only one LED in green and takes about 1 min to be steady on.

- (3) In the 'Home page section, tap **+** and choose  to add new camera.

For Android, the app will automatically search for the camera unique identifier. Select camera DID with CGXX-123456-ABCDE.

For iOS, you must manually connect your iPhone to the camera network. Go to the Wi-Fi setting, select the Wi-Fi name starting with HD-XXXXXX. Then enter password 12345678. Once connected, go back to the app and press Next.

- (4) Select your Wi-Fi network and enter its password.
- (5) Name your camera and location, enter a new security code. Then tap 'Save'. The Camera will automatically reboot. Once the reboot process completed, remove the Ethernet cable.

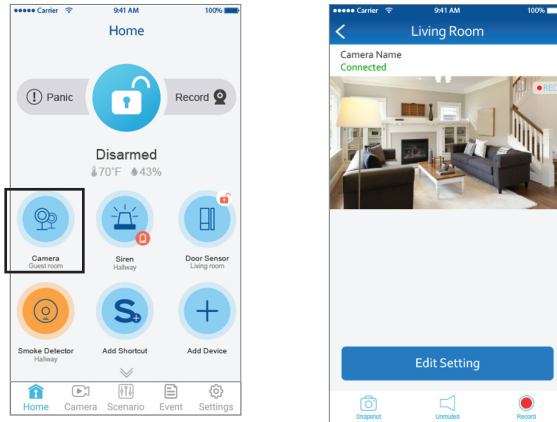


Note:

- (1) The app will first search for the available camera connected to the Wi-Fi router.
- (2) If the camera cannot be found, make sure the camera is powered on and the Ethernet cable is securely connected to the Wi-Fi router.
- (3) You can enter the camera DID/default password manually. The camera DID is located on the camera and the default password is '**123456**'.

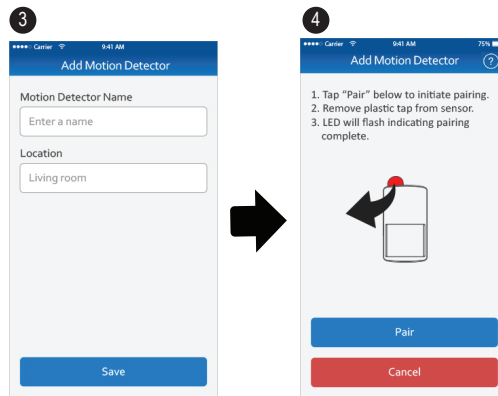
Verifying the Setup

Go to home page and tap the camera icon to have a live-view.



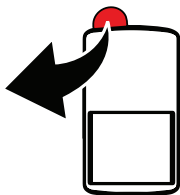
Pairing the Motion Detector

- (1) Launch the 'iMAXWELL' app. Tap the '+' icon to add new device.
- (2) Choose 'Motion Detector'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and remove the plastic tab to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.



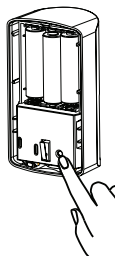
(4A) Auto Pairing Method

Remove the insulating plastic tab to send out the pairing signal.



(4B) Manual Pairing Method

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



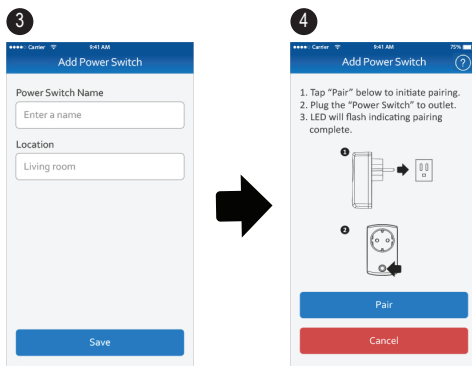
Verifying the Setup

After complete pairing, facing the motion sensor to the wall where no movement can be detected, waiting a few minutes for the sensor to complete condition analysis. Wave your hand in front of the sensor and alert indicator should appear on the home page.

Note: To conserve battery power, the Motion Sensor will be temporarily deactivated for 2 mins after every trigger event. This is also good for controlling the unnecessary push notifications receiving on your mobile device.

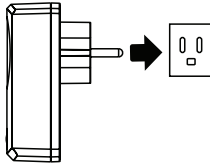
Pairing the Power On/Off Switch

- (1) Launch the 'iMaxwell' app. Tap the '+' icon to add new device.
- (2) Choose 'Power Switch'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and plug in the power switch to the outlet to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.



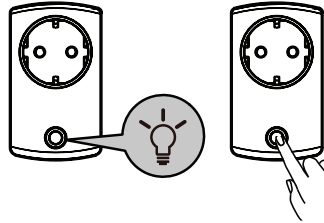
(4A) Auto Pairing Method

Plug the power switch to the outlet.
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 main page.



(4B) Manual Pairing Method

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



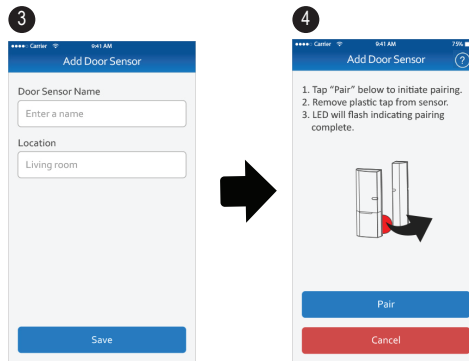
Verifying the Setup

After complete pairing, with power switch plugged into the electrical outlet and connect the light fixture to the switch. If the light fixture or any other device has its own On/Off switch, keep it to 'On' position. Tap the power switch icon on the main page to turn light on and off.

Note: The power switch can also double as '**Repeater**'. This function is for advanced user. For details, please refer to Power Switch/Repeater section of the owner's manual.

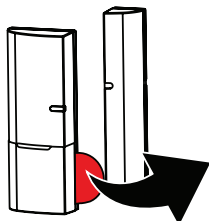
Pairing the Door/Window Sensor

- (1) Launch the 'iMAXWELL' app Tap the '+' icon to add new device.
- (2) Choose 'Door Sensor'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and remove the plastic tab to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.



(4A) Auto Pairing Method

Remove the insulating plastic tab to send out the pairing signal.



(4B) Manual Pairing Method

Remove and reinstate the battery cover.

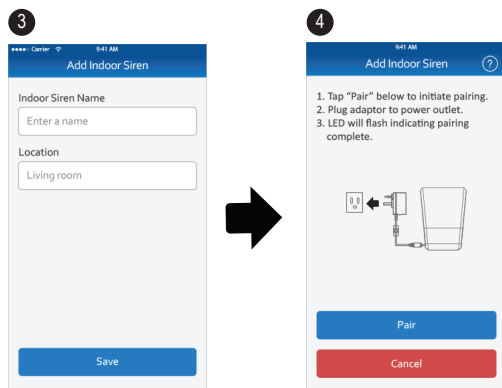


Verifying the Setup

After complete pairing, separate the sensor and alert indicator should appear next to the door/window sensor section on the home page section.

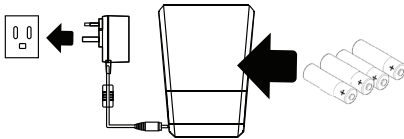
Pairing the Indoor Siren

- (1) Launch the 'iMAXWELL' app. Tap the '+' icon to add new device.
- (2) Choose 'Indoor Sensor'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and plug in the power adaptor or insert 4AA batteries. Once powered on, the Indoor Siren will automatically send out the pairing signal. The newly paired sensor is now display in the app's **'Home Page'** section.



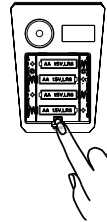
(4A) Auto Pairing Method

Enable for the Indoor Siren to send out pairing signal, either by removing the insulating plastic tab or supply power using the adaptor supplied.



(4B) Manual Pairing Method

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

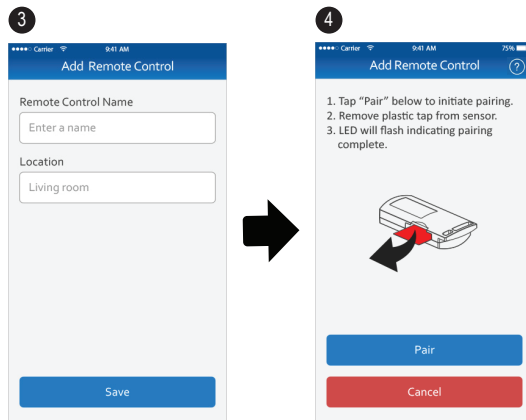


Verifying the Setup

In the '**Home Page**' section, tap the Siren icon to activate it.

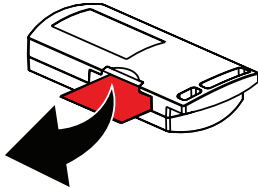
Pairing the Remote Control

- (1) Launch the 'iMAXWELL' app. Tap the '+' icon to add new device.
- (2) Choose 'Remote Control'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and remove the plastic tab to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.



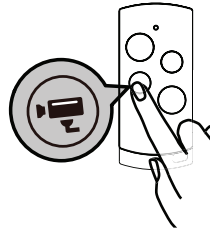
(4A) Auto Pairing Method

Remove the insulating plastic tab to send out the pairing signal.





(4B) Manual Pairing Method

Press and hold the **'Camera'** button located in the front of the Remote Key until the blue LED begin flashing.

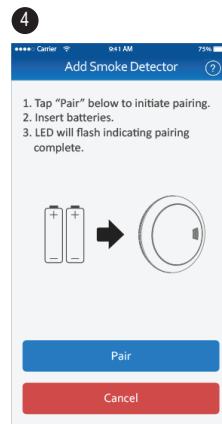
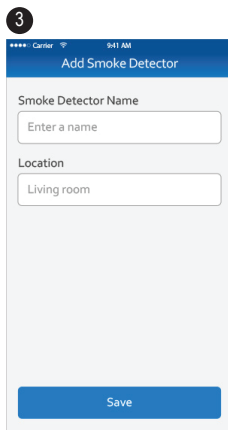


Verifying the Setup

- ✓ Press the **'Disarm'** button  the gateway will beep once indicating the system has been disarmed.
- ✓ Press the **'Arm'** button  the gateway will beep twice and 30 seconds 'Countdown' pop-up will appear, select 'Disarm' to deactivate system arming.

Pairing the Smoke Detector

- (1) Launch the 'iMAXWELL' app. Tap the '+' icon to add new device.
- (2) Choose 'Smoke Detector'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and insert the batteries, it will automatically send out pairing signal.

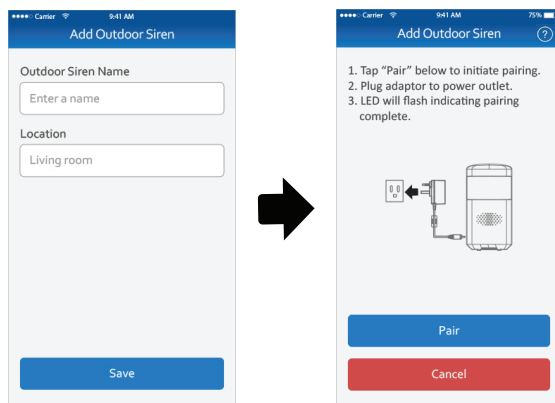


Verifying the setup

After complete pairing, press the "test" key on the sensor, the sensor will go off for few seconds and alert indicator should appear on the main page section.

Pairing the Outdoor Siren

- (1) Launch the 'iMAXWELL' APP. Tap the '+' to add new device.
 - (2) Choose 'Outdoor Siren'.
 - (3) Give your device a name and location, then tap 'Save'.
 - (4) Press 'Pair' and plug adaptor to power outlet. It will automatically send out pairing signal.
- When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.

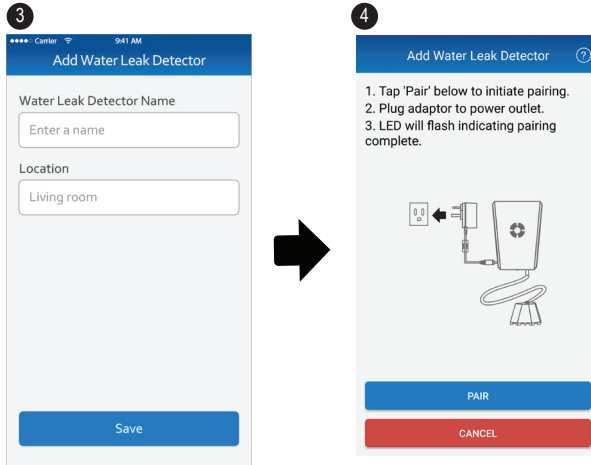


Verifying the setup

After complete the pairing, tap the 'arm' icon to activate siren in the home page. Tap 'disarm' to deactivate the siren.

Pairing the Water Leak Detector

- (1) Launch the 'iMAXWELL' APP. Tap the '+' icon to add new device.
- (2) Choose 'Water Leak Detector'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and remove the plastic tab to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the '**Home page**' section.

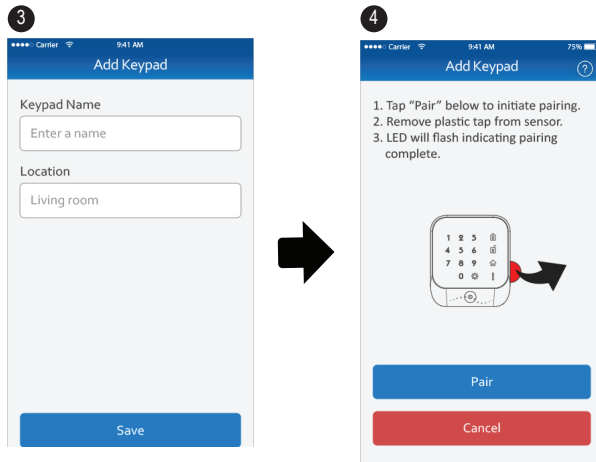


Verifying the setup

After complete the pairing, dip the probe into a cup of water and alert indicator should appear on the main page section.

Pairing the RF Keypad

- (1) Launch the 'iMAXWELL' APP. Tap the '+' icon to add new device.
- (2) Choose 'Pairing the RF Keypad'.
- (3) Give your device a name and location, then tap 'Save'.
- (4) Press 'Pair' and remove the plastic tab to send out the pairing signal. When the pairing process completed, the newly paired sensor is now display in the 'Home page' section.



Note: Maintenance Function, Disabling the system alarm when release the tamper button (battery change).

Steps: Program mode > enter security code > Press "9" > remove keypad from the wall bracket> change battery > remount the keypad.

Verifying the setup

Press the 'Disarm' button , the gateway will beep once.

HOW TO INSTALL THE CAMERA

SAFETY AND INSTALLATION TIPS

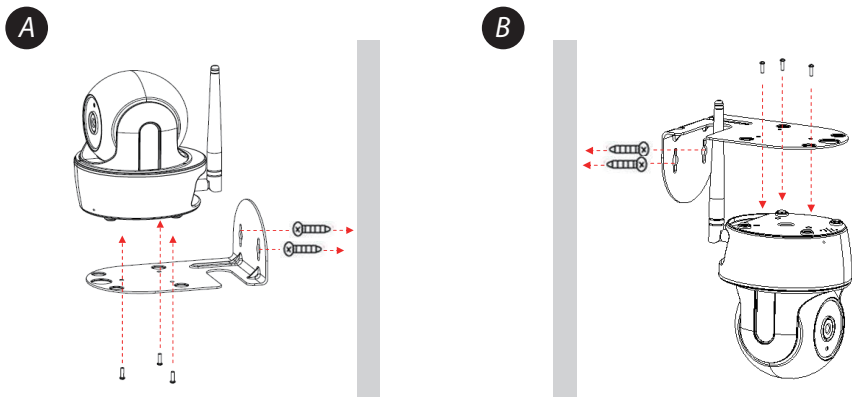
Do not attempt to open the units with the power adaptor plug connected to avoid any risk of personal injury.

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.

The camera is designed for indoor use only, please do not install the camera outdoor. 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.

Camera Installation

- (1) Secure the camera stand on the stable surface.
- (2) Mount the camera into camera stand. Adjust the viewing angle and fix the camera tightly.



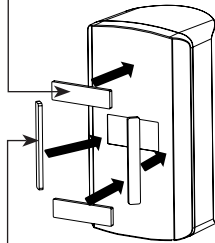
1. Place the mounting bracket on the mounting surface as a pattern to mark the holes.
2. Drill the mounting holes and use the wall plug screws to secure the bracket to the wall.
3. Fasten the camera to the bracket using the tapping screws.
4. Hang the camera and plate onto the hanger screws. Arrange cable properly so that it will not block pan/tile operation.

HOW TO INSTALL SENSOR

1. Installing the Motion Sensor

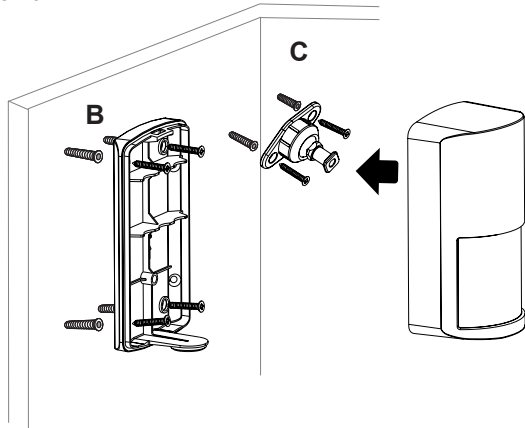
Use the double-sided tape to fix the motion sensor, or use the wall mount screws to fix the device or supplied bracket onto the wall.

The thick double-sided tapes are for flat wall mount use.



The thin double-sided tapes are for corner install use.

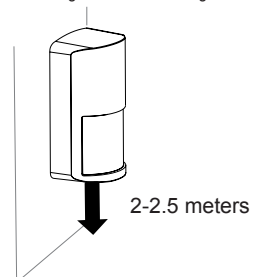
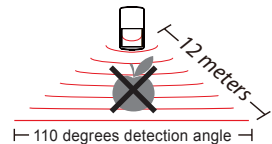
Mounting Option A



Mounting Option B/C

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

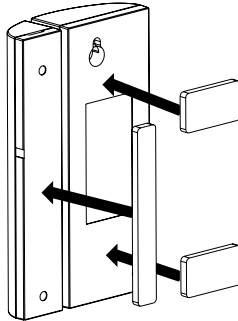
- (1) The Motion Sensor is most effective in areas such as hallways and entry points where intruders may likely passing through.
- (2) The Motion Sensor monitors movements up to 12 meters away, with 110 degrees detection angle. Make sure the Motion Sensor is angled facing with the least obstructions for best coverage.
- (3) It is recommended to place the Motion Sensor in the corner of the room and between 2-2.5 meters from the floor.



2. Installing the Door/Window Contact

Mounting Option A - Double-Sided Tapes

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



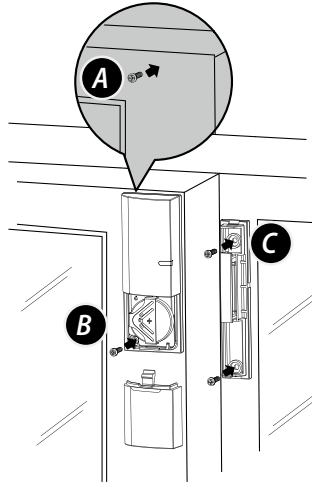
- (2) Select a location on the door/window. The large piece of the sensor should be fixed on the immovable frame of the door/window.

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

- (3) When 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 corrected installed.

Mounting Option B - Mounting Screws

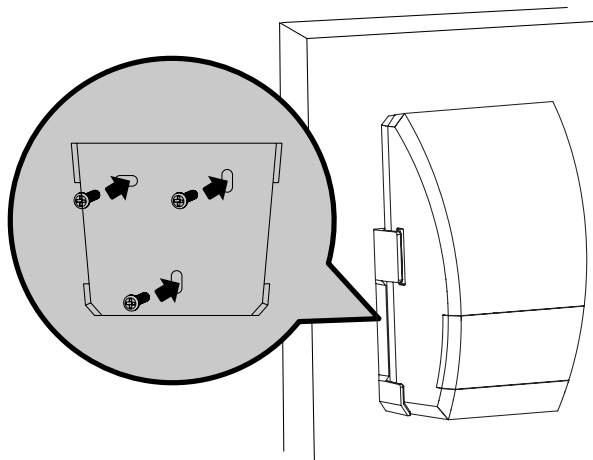
- (1) Fix the first mounting screw directly onto the door/window frame (A). Place (hang) the larger piece on to the mounted screw, remove the battery compartment cover to fix the second mounting screw (B).
- (2) Open back cover of the small piece. Use the mounting screws to fix the back cover on the 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 corrected installed.



3. Installing the Siren

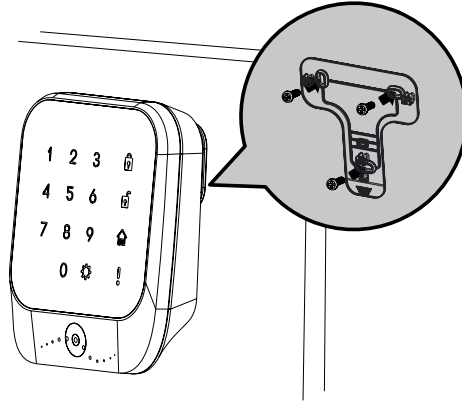
It is recommended to install the siren in a highly visible location with minimum obstacles near-by for maximum visual/sound alert.

A/C power option is available therefore please select suitable installation location with reachable electrical outlet.



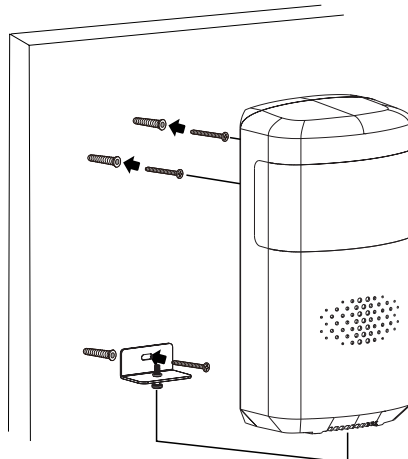
4.Installing RF Keypad

- (1) Mount the wall barcket onto a flat surfaced wall via the screw set supplied.
- (2) With batteries inserted or mini-USB power adaptor (not including) plugged into the keypad's rear power connector, secure the keypad onto the wall bracket.



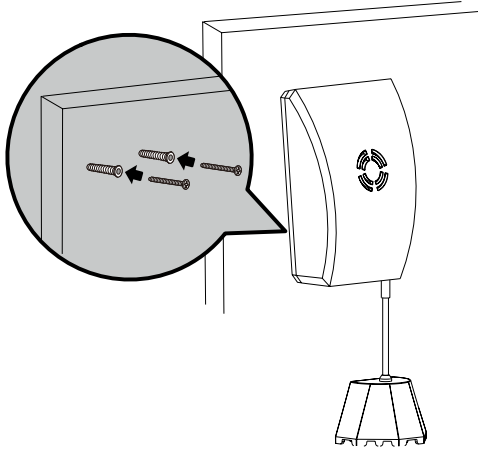
5.Installing the Outdoor Siren

- (1) First fix the mounting screws and secure bracket to the wall via the screw set supplied.
- (2) With batteries inserted or adaptor (5V/1.5A, not included) plugged into the siren rear power connector, secure the siren onto the wall.
- (3) Secure the siren to the secure bracket via the bracket screw supplied.



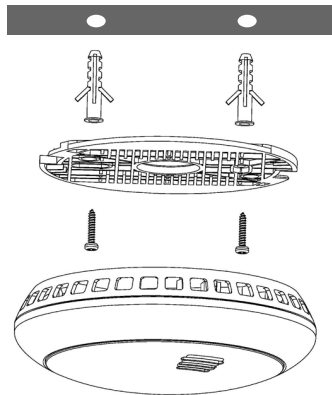
6.Installing the Water Leak Sensor

- (1) For the main unit, fix the mounting screws to the wall via the screw set supplied.
- (2) With batteries inserted, secure the sensor onto the wall screws.
- (3) Place the probe unit to the location preferred in an upward position.



7.Installing the Smoke Sensor

- (1) First fix the mounting screws and secure the bracket to the ceiling via the screw set supplied.
- (2) With batteries inserted, secure the sensor onto the bracket.

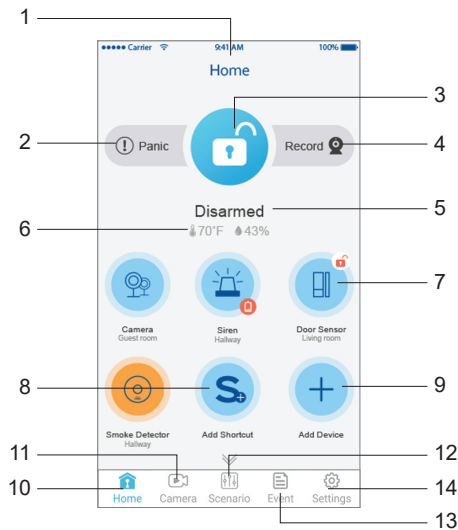


APP OVERVIEW

The iMAXWELL app provides friendly interface to allow you to easy access to all devices.

In the Home Page, 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, and more.

Home Page



1. System name: Here is show the system name
2. Panic: Tap to panic the system
3. Disarm/Arm(Away)/Arm(Stay): Tap here to arm/disarm/disarm(stay) the system.
4. Recording video: Tap to recording the video clip for 1 min
5. Sytem status: Here is show the system status Disarm/Arm(Away)/Arm(Stay)
6. Temperature/humidity info: Here is show temperature/humidity info
7. Device icon: Tap on the device icon to enter the device edit
8. Hotkey: Tap here to setup the device to turn on/off
9. Add new device: Tap to add new device
10. Home icon: Tap to return to home page
11. Camera icon: Tap to access the camera lsit
12. Scenario icon: Tap to access the scenario setting
- 13 Event icon: Tap to view event list
14. Settings icon: Tap to access more settings

Status Indicator

Device off: This function is only for Siren and Power Switch.

Arm(Away): Tap to arm the system when you're not at home. Access the settings to set Arm(Away) status, select the device you would like to arm, when devices have been triggered.

Disarm(Stay): This function allows you to set to activate/deactivate devices when you're at home.



Device On



Device Offline



Device Off



Arm(Away)



Disarm



Arm(Stay)



Mag Open



Mag Close

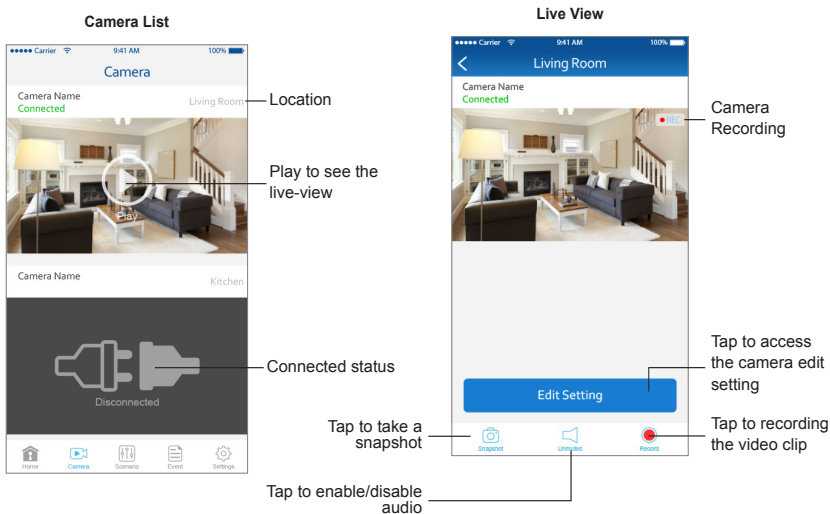


Low Battery

Edit Device

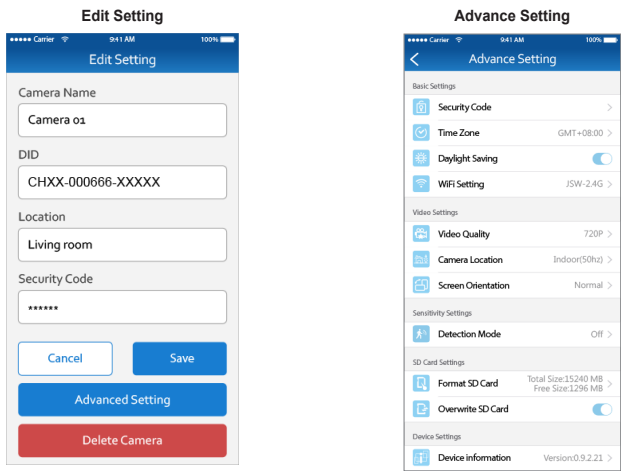
Camera Live View

This section allows you to access camera settings, having the live-view, and more.



Edit Camera Setting

The advance setting allowa to you to configure the basic settings, including security modification, video quality settings, sensitivity settings, and SD card settings.



Basic Setting

This section allows you to configure the camera security code, time zone, daylight saving, and Wi-Fi setting.

Security Code

The Security Code is a specific security code to access the camera. The default password of the camera is 123456. Please use this function to change the default password into your personal security code.

Note:

1. Change password in system information page accordingly.
2. If you forget the Device Security Code, press and hold the reset button to reset the system to factory default. All settings will be restored to factory default. You will need to configure your camera from the start.

Time Zone

The drop-down list shows the world time zone. Select the time zone that will work the best for you. If your date/time is during the daylight saving time period, please check the Daylight Saving box to adjust the system time properly.

Daylight Saving

Tap to enable/disable the daylight saving function.

Wi-Fi Setting

The Wi-Fi setting allows you to choose the wireless connection and setup the Wi-Fi environment.

When you tap the "Manage Wi-Fi network" button, the system automatically scans the nearby network and shows the available Wi-Fi routers in the drop-down list. Choose the appropriate Wi-Fi router and enter the Wi-Fi router password if necessary. Due to security concerns, it is suggested to use the WPA/WPA2/ WPA2-PSK protocol for Wi-Fi network.

Note:

1. When the Wi-Fi connection is completed and you unplug the Ethernet cable, the camera will reboot and it will take several minutes to establish the connection. Please re-launch the APP when you see the green signal indicator lights up.
2. The WAPP camera is designed to work with the legal Wi-Fi channels in your region. Please refer to your Wi-Fi router manual to choose an appropriate channel for WAPP camera.
3. If the camera fails to connect to the Wi-Fi router, please hold down reset button for 2 seconds to reset the system and repeat registration process again.

Video Settings

This section allows you to configure the video quality and environment mode.

Video Quality

The Video Quality setting section allows you to adjust the quality of the video streaming.

Select better video quality to view high resolution image. By selecting better streaming will allow the video to display more smoothly (quality depends on local internet environment).

Only select better image when you have sufficient bandwidth and updated mobile device(s).

Camera Location

The Environment Mode settings allow you to select the power line frequency used at the location of the camera. The power line frequency varies depending on geographic region. It may cause image flicker if wrong frequency is selected. Please check with local authorities for proper setting.

There are two type video color tone, user can change the video color tone between warm-yellow(indoor) and cool-white (outdoor).

Screen Orientation

This section allows you to adjust screen orientation. There are 4 options you can select.

Sensitivity Settings

This defines the camera parameter for motion detection.

Detection Mode

PIR is hardware-based biomass detection.

SOFTWARE use advance software analysis to trigger motion alarm.

Motion Detection (available for Software Mode ONLY)

HIGH – Suitable for detecting smaller object(s) within 5 to 6 meters

LOW – Suitable for detecting larger object(s) within 3 to 5 meters

SD Card Settings

This section allows you to manage your SD card.

Format SD Card

Formatting your memory card will ERASE all the data from it and you will not be able to get the data back. Please back up your video files BEFORE formatting the memory card.

Note:

The system is optimized to Class 10 memory card. A memory card with lower specification will decrease the recording and playback function efficiency.

During format process, all recording & viewing will stop until format process completes.

Overwrite SD Card

This function will overwrite the old files when the micro memory card is full. Turning on this function will enable the system to start overwriting the old files when the available memory card capacity is not enough. This ensures the most up to date video recordings can be saved so that you won't miss any important information.

Note:

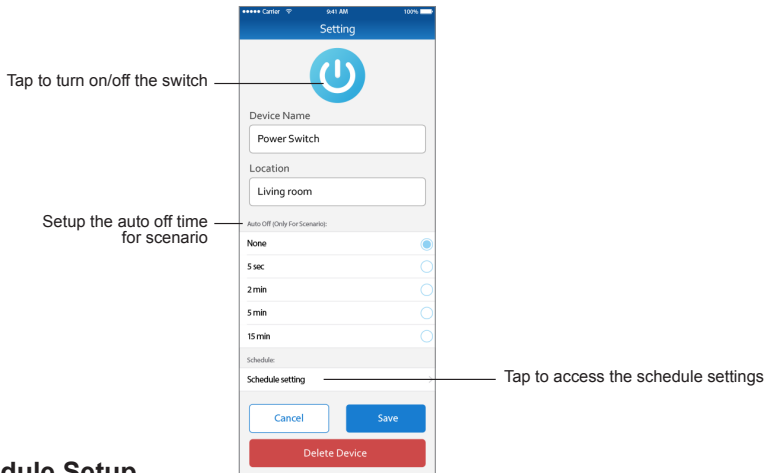
You will want to reformat the memory card from time to time to ensure the condition of the storage device. Your camera system will not work properly if the memory card become corrupted.

Device Information

This section shows the device information about the camera, including device version, total size and available size of the memory card.

Power Switch

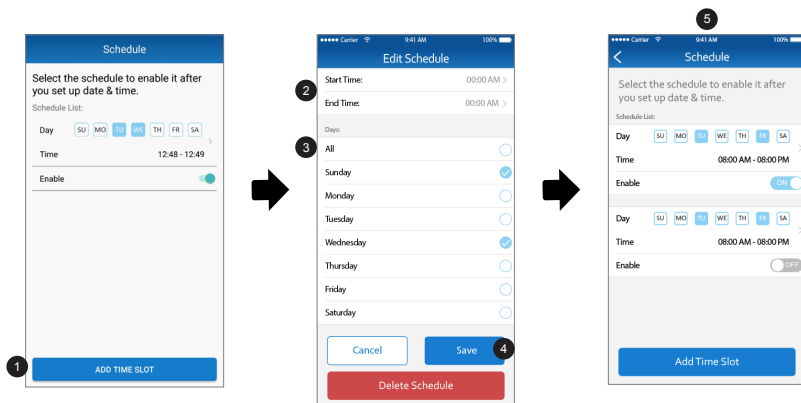
This function allows you to configure your power switch turn on/off accordingly, and setup the schedule settings.



Schedule Setup

This is designed specifically for the smart plug. After setup the selected smart plug(s), they can turn on/off accordingly. Follow the steps below to complete setup:

1. Tap the schedule setting then add a time slot
2. Define 'start' and 'end' time.
3. Click the days you prefer (You can choose one day or click all).
4. Tap the 'save' when you're done.
5. The schedule you configure will show on the schedule list, you can also enable/disable it.



Indoor/Outdoor Siren

Here you can change device name and location, and set the siren volume, duration of the reaction (15, 30, 60 Sec), after the sensor has been triggered. Tap 'SAVE' when you have done.

Setting

Tap to turn on/off the siren — ☐ OFF ☒ ON

Device Name

siren

Location

a

Volume:

CANCEL SAVE

DELETE DEVICE

Motion Detector

Here you can change device name and location. Tap 'SAVE' when you have done.

Setting

Device Name

Motion Detector

Location

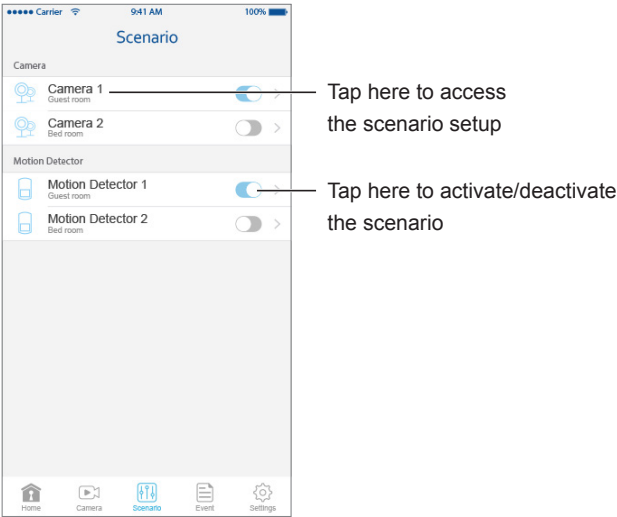
Conference Room

CANCEL SAVE

DELETE DEVICE

Scenario

This section is designed for system to carry out customized security functions after setup, such as activate single/multiple cameras and sensors for recording and alert.




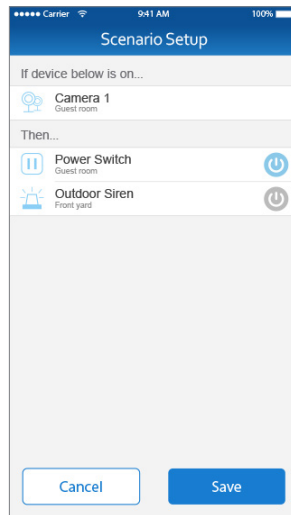
Note: The system will not send out any Email Alert or Push Notification when Sequence Scenario is in action.

Sequence Scenario

Allowing the system to automatically react to the sudden situation and carry out other pre-defined tasks. For example, when the motion sensor detects motion, the camera will immediately rotate to the scene and start to record, and the light will turn on.


To setup the sequence scenario(s), follow the steps below:

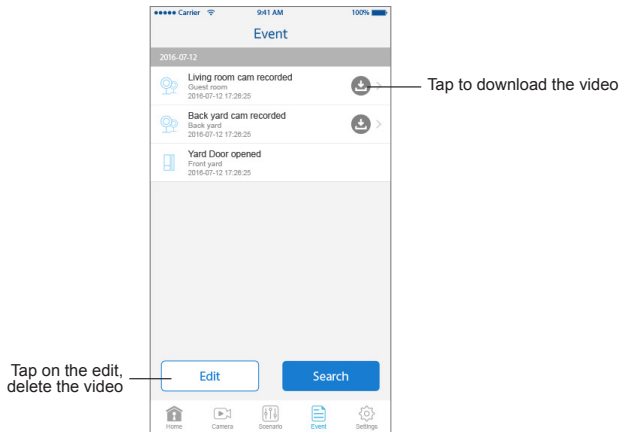
1. Tap to select one of the '**initiator**' (If...) from the list (example: door/window contact).
2. From the list, tap  to turn on/off the '**follow-uper**' (Then..., example: camera).
3. Tap the 'Save' when you're done.



Enable for scenario to function properly, please make sure the sensor(s) in the list is activated (a). For camera, you would want to check mark the 'Record' so camera will record video and '**View**' for auto video screen popup (b). Without SD card inserted, you can only view but not record the video footage.

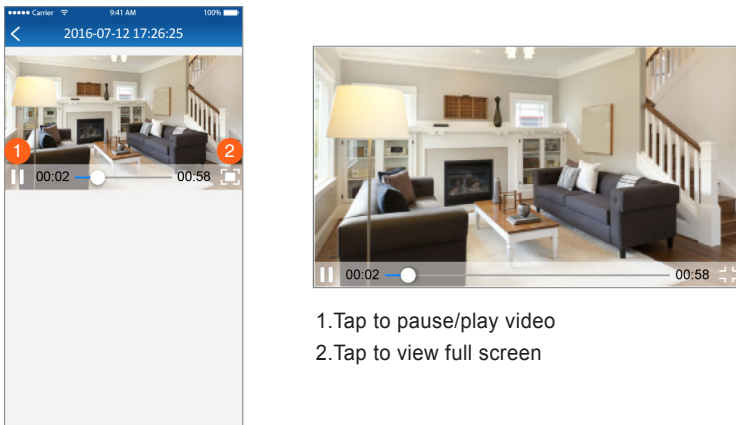
Events

All triggered events are recorded and displayed in the **'Event'** section. To identify exactly which device has been triggered, including the time and the date. Review recorded video file tapping on the camera triggered event list. Tap the  to start video file download.



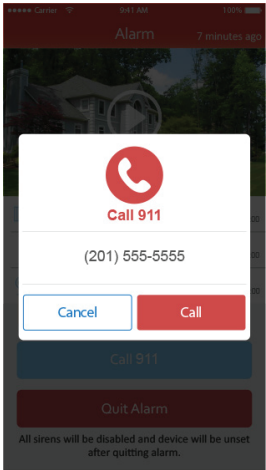
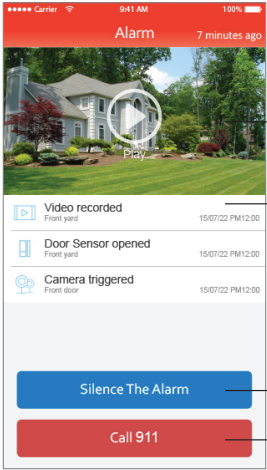
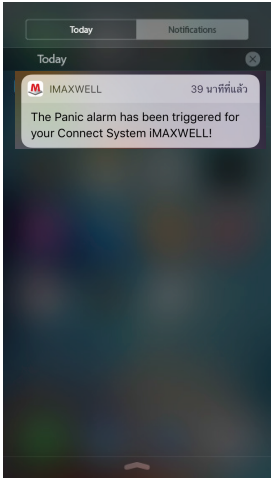
Playback

During the playback, you can tap the PAUSE icon to pause/play the video, MUTE to deactivate/activate the audio function. You may also review recorded video file(s) with your PC.



Alarm

When the sensor/camera has been triggered, your smart phone will receive the notification immediately. You can access the device's alerts by tapping your smart phone. See the live-view which device has bee triggered. And you can also turn off the siren by tapping ' Silence the alarm or emergency call. Regarding the emergency contact, you can enter a number of settings.



Settings

The system setting contains various options allowing you to setup/configure the system details. The default admin password is '123456'. The user who has the admin password can access the system settings. For security purposes, please change the default password immediately.

Control Hub Setup

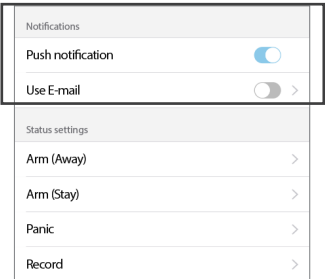
This section allows you to set control hub siren volume, duration, and delay time.

Emergency Contact

Here you can enter a emergency contact number.

Notification

Here you can enable/disable the Push Notification function, and set the Email Alert you would like to receive. In the Email setting, enter an effective email address to receive the Email Alert. Both Email/Push Notification are available for system Arm, Disarm Part-Arm and trigger events generated from camera, motion sensor and door/window sensor selected in the ARM/ PARTARM/DISARM scenario section.



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

Status Settings

According to different status (away, stay, panic), select which device you want to alarm when it has been triggered. Also you can choose camera to record the video clip.

The image displays four screenshots of a mobile application interface for configuring alarm settings. Each screen has a blue header bar with the title of the setting.

- Edit Arm (Stay):** Shows a list of devices with checkboxes. The 'HD-000955' device is selected. Below the device list, there is an 'Exit Delay' section with radio buttons for 'OFF', '10 sec', '20 sec', '30 sec', and '60 sec'. The '30 sec' option is selected.
- Edit Arm (Away):** Similar to the 'Stay' screen, but with the 'HD-000955' device selected and the '30 sec' exit delay selected.
- Edit Panic:** Shows a list of devices with checkboxes. The 'HD-000955' device is selected. Below the device list, there is an 'Exit Delay' section with radio buttons for 'OFF', '10 sec', '20 sec', '30 sec', and '60 sec'. The '30 sec' option is selected.
- Edit Record:** Shows a list of cameras with checkboxes. The 'Camera 1' camera is selected. Below the camera list, there is an 'Exit Delay' section with radio buttons for 'OFF', '10 sec', '20 sec', '30 sec', and '60 sec'. The '30 sec' option is selected.

Each screen has a 'CANCEL' button and a 'SAVE' button at the bottom.

City

Enter city name or zipcode, the app will automatically research for location, select one then tap 'SAVE'.

Network Setup

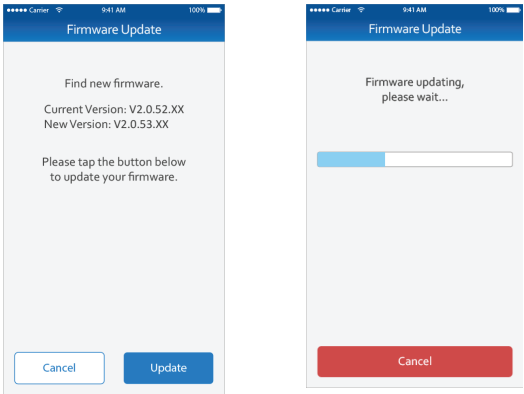
Setup the Internet protocol settings for the system. This tick DHCP and all will be done itself.

Security Setup

Here you can change your security code and admin password.

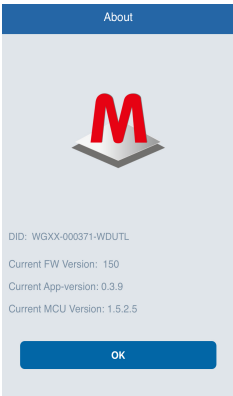
Firmware Updates

Here you can check to see if any new updates are available. Tap on the 'Update', the app will automatically download and install the new firmware. The gateway will then auto-reboot and beep twice when done.



About

Here you can find the control hub DID, firmware and app version for technical support needed.



ADDITIONAL USEFUL FEATURE

Using the Smart Plug as Repeater - Repeater Setup

To Activate the Repeater Function of your Smart Plug

First make sure the Smart Plug and the end Sensor has been successfully paired/connected to the system gateway. See "Sensor Pairing" section for more details.

Step 1

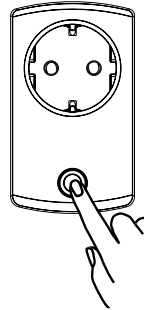
Press/hold the button located on the front of the smart plug until the LED begins to flash in blue and orange.

Step 2

While the LED on smart plug is flashing blue and orange, activate the pairing mechanism on the end Sensor. The LED on smart plug will turn steady orange indicating the repeater pairing process is complete.

Note:

You will not be able to control the end Sensor if the smart plug(repeater) is unplugged. Reinstall the Smart Plug to regain the control and communication between gateway and end Sensor.



To Deactivate the Repeater Mode

1. Unplug the repeater Smart Plug.
2. Press and hold the button in front of the Smart Plug and plug the Smart Plug back to the outlet with the button pressed, do not let go of the button until the LED begins to flash (blue).

The LED indicator on the original repeater Smart Plug now should light up in blue, indicating the repeater function has been deactivated.

Both Smart Plug and the end sensor will require re-pairing with Gateway to resume their normal operation. Please see 'Sensor Pairing' section for more details.

TROUBLESHOOTING

Problem	Possible Cause / Possible Solution
The gateway box is not working	<ul style="list-style-type: none">- Check the AC power adapter. Make sure it is correctly plugged.- Check the Ethernet cable. Make sure the connector is plugged in the Ethernet socket and the other end plugged into the router.
The sensor is not functioning	<ul style="list-style-type: none">- Check the battery polarity and make sure the battery has enough power to function correctly. Replace the batteries if necessary.- Make sure the gateway box is powered on. As a control center of the system, it should be left powered on all the time.- Sensor malfunction. Pair the sensor to gateway again.
Low Battery	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Check the Internet status LED above the Ethernet cable. The orange LED indicates the network socket is powered on. The RED LED indicates the network status. <p>If the RED LED becomes STEADY RED instead of flashing, it means the network fails. Please make sure the router is functioning well, re-connect the Ethernet cable and power on the gateway box again.</p>
What should I do if I forget the password or network configuration setting?	<ul style="list-style-type: none">- Press the reset button (located beside the power socket).

FREQUENTLY ASKED QUESTION

Why Home/Office Security?

- It is better to be safe than sorry, as burglary happens more often than you think. More than 2 million burglaries are reported in the United States EACH year alone – that's 13 seconds or 4 burglaries per minute.
- Thanks to the advanced modern technologies, finding an effective and affordable security system is now easier than ever and is not just for the privileged anymore.

Why MaxGuard Pro is more advanced than other app-based Smart Home system?

- Maxwell is SECURITY focused with elements of smart home – Smart home isn't so smart if cannot protect people and valuables.
- Every part of MaxGuard Pro is designed and developed by Maxwell Security. All the devices of MaxGuard Pro are compatible with each other and the system is secure with minimum concerns for security breach.
- MaxGuard Pro is field proven, The system is stable and reliable.
- Price point is important and MaxGuard Pro is geared for flexible configurations, from starter kit to big-box packaging, fit for various type of channels.
- No contracts, no recurring monthly fees.
- The system is wireless so no damages to existing structure.
- Wide coverage, from security and surveillance to safety and family care.
- Truly designed for consumers. The system is ready for operation minutes after opening the box – Plug-n-Protect!
- Maxwell offers one-stop-shopping and services since everything is designed and manufactured in-house.
- Bandwidth friendly, the system require minimum internet bandwidth to operate.
- Quality and consistency – iMaxwell is designed by Taiwan using the latest technologies.
- User can create own unique scenarios to counter any situation.
- Compatible with various type of in-house cameras for any type of visual verification requirement.
- iMAXWELL uses proprietary P2P technology to maximize privacy management.
- Maxwell offers development kits for unique, no me-2 development requirement – excellent for branding companies.

The system is extendable?

- Absolutely – MaxGuard *Pro* supports up to 4 indoor/outdoor cameras (can be installed anywhere in the world) and 36 sub-devices (sensor).
- The iMAXWELL app works with multiple gateways (up to 8) so user can manage different locations using one single app – anytime, anywhere.

Any benefits from using P2P service, why not cloud-based?

- No extra cost for the cloud service, only the existing internet service.
- All the data (video event, snapshots, trigger records, etc.) are kept locally and only the owner can access those information, privacy concerns are minimum.
- Owner can have access to all the data even when internet is down.

The gateway is not responding?

- First check to the status of LED's and refer to the user manual for what each represents/indicate.
- If non of the LED's are on, check the AC power adaptor to make sure it is plugged in securely.
- Check the Ethernet cable to make sure the connector is plugged in at both ends, at the gateway Ethernet socket and the LAN port on the router.
- Check the router to make sure it is powered on and functioning, also check its Ethernet/coaxial cable make sure it is securely plugged in.
- User may need to restart the router to secure the internet connection. Contact internet service provide for assistance.
- Check to see the smartphone/tablet is connected with internet.

The MaxGuard *Pro* sensor is not functioning.

- Check the battery is inserted correctly with the correct polarity as indicated.
- Check to see if the battery power is low. The iMAXWELL app will inform user if the battery power is low. Replace battery if necessary.
- Make sure the gateway is powered on and its Ethernet cable plugged in securely. The gateway manages all sensors and it should be powered on at all time.
- Reset the sensor if necessary and pair the sensor to the gateway again.

When should the batteries of the sensor need to be changed?

- When app is indicating the battery power is low in the sensor(s). Under normal circumstance the app will indicate low battery information 15 days before the battery depletes completely.
- Under normal usage, most of the batteries should last at least 1~2 years due to Maxwell advanced power consumption management technology.

My smartphone/tablet cannot remotely connect to MaxGuard Pro.

- Check to see if the smartphone/tablet is connected with internet. Activate the connection if it is set to off.
- Check to see if the “airplane mode” is on, switch it off to resume internet connection.
- Check to see if the internet connection is busy by using “Speed Test” app or website offering the service.
- If none of the above works, please reset the gateway by press and hold the reset button located at the back of the gateway for 5 seconds. Do remember to add the gateway back to the app afterwards.
- For privacy concern, the system settings/password are not stored anywhere. After resetting the gateway everything goes back to original default value, including Security Code. Make sure to inform family members the new password.

What is the benefit of the remote controller?

- Excellent for elders and children, who do not have access to smartphone/tablet.
- Quick system ARM/DISARM without any smartphone/tablet.
- Activate camera recording function with a single push.
- Activate panic function with a single push and hold for 5 seconds. Any family member have
- SHC app installed will receive push notification and if indoor/outdoor siren is part of the system it will go off for 3 minutes as well.

Where can MaxGuard Pro be installed?

- Residential
- Small business
- Office
- Barn
- RV
- Summer home

I just got a new phone/tablet.

- First delete the iMAXWELL app from the old phone. Go to App Store or Google Play to download the iMAXWELL app to the new phone/tablet, re-install the gateway to the app and all previous settings will remain.

Why must I change the factory default security code/password?

- Although it is still difficult for others to access your system, but it is better to be safe than sorry. Having unique security code/password can only strengthen the privacy protection.
- After establishing new and unique security code/password, please keep the information at a safe place so you won't have to RESET the system and reconfigure everything all over again.

The IP camera came with Ethernet cable, does that mean I cannot go wireless?

- Absolutely not, just follow the installation guide (QSG/Manual/In-app Wizard) for wireless connection.
- The Ethernet cable came with the camera is there for setup convenience only, as some installation locations may have unstable internet connection, which the cable will make things easier for the user to setup the camera for the first time.

Why do I need the siren?

- The siren, either the indoor or the outdoor version can be extremely effective for scaring off the intruder – at the moment of the break-in. Without siren the intruder may further cause damages and additional valuables may be lost.
- The siren isn't there only to scare off the intruder, you can easily setup to have the siren to go off when children attempt leaving the house when they are not suppose to.
- Another good use of the siren is when other Maxwell devices detect abnormal situation they can trigger the siren to go off as well, for example, you can setup (less than a minute) to have the water-leak sensor in the basement to trigger the siren at the second floor to go off so you can immediately act to the situation.
- The outdoor siren is very important as well since you may be in the backyard when something happens inside the house. Your neighbor may notice the alarming siren and contact you, police or fire station as well if you are not at home.

Why do I need the smart plug?

- Similar to the effect of the indoor/outdoor siren, the smart plug can activate lights at the moment of the break-in. With the lights turned on many times the intruder may likely chose to scape.
- You can setup to have the smart plug to turn lights on/off at certain times even when you are not there, so others may think twice about breaking in.
- The smart plug can be for your convenience also, where you can manually control lighting devices without getting up off the bed. Further, other Maxwell devices can trigger off the smart plug as well, besides having the lights turn on automatically when walk into the room because the PIR sensing your presence, you can also use it to turn on fans, radio, home appliances such as space heater, cooker, coffee machine, dehumidifier, etc.
- The smart plug can double as Maxwell's signal repeater as well, making the system to work even more efficiently and effectively.

Why do I need the door/window contact?

- The contact can alert you locally (via siren, light, etc.) or remotely via push notifications and app's real-time device status indicator that someone (even toddlers, pets, etc.) opens the door or window.
- The contact can further setoff other devices to react to the event, such as activate the recording function of the camera, have smart plug to turn on the light, etc.
- The door/window contact is completely wireless so you can also be installed to cabinet doors, desk drawers, safe, or even objects such as portable DVD player so if someone picks up the player you will know immediately.

Why do I need the PIR motion detector?

- The PIR motion detector can detect unwanted presence and setoff alarm, trigger smart plugs, activate camera recording function and alert user via push notifications.
- The PIR motion detector can also be used as convenience purpose as well, such as automatically turn on lights and fans via smart plug.
- Once the PIR motion detector has been triggered AND no longer senses motion, it will dormant for two minutes to conserve its battery power, otherwise the PIR will stay awake and continue to send off alert signal to the gateway and other MaxGuard *Pro* devices.

Why event list is informative and helpful?

- The event list contains every triggered events as record, including video events, so not only you can tell exactly when something took place, you can also playback the video events as well.
- Since all the events listing are in time sequence therefore you can identify the path of intruder, which may come in handy for police to solve the incidence.

How can I backup the recorded videos?

- You can backup the data off the memory card inserted in the camera (first unplug the camera to prevent damaging the memory card) to computer, and later view by using VLC player, which is a freeware you can find online.
- Another way is to download the video(s) to your smartphone/tablet by holding down the video event for few seconds and the app will prompt by asking you if download is needed, tap YES to download and save the file for later viewing.

Why do I need to use Class 10 rated memory card for the network camera?

- The camera is capable of recording high definition resolution videos therefore Class 10 rated memory is suggested due to the large video data.
- Class 10 memory card can be easily accessed at local electronic stores or be purchased online for very low cost.

I am not receiving push notifications.

- Please make sure the app's notification function on your smartphone/tablet is activated. For iOS is the notification center and for Android system would be the "Information" section of the iMAXWELL app.

What is the difference between the Security Code and the Admin password?

- The Security Code is required for remotely accessing the gateway and camera. For maximum security purpose, the MaxGuard *Pro* gateway and its every cameras can have unique different Security Codes. Only the person who has the Security Code(s) can access, operate, control and view gateway and cameras.
- The Admin password is required to access MaxGuard *Pro* gateway and cameras' Advance setting section. For maximum security purpose, the MaxGuard *Pro* gateway and its every cameras can have unique different Admin password. Only the person obtaining the password(s) can access and alter the settings of gateway and cameras.

What benefits are offered by the Pan/Tilt/Zoom network camera?

- Besides streaming/record video data, two-way audio, night view, snapshots, you can also control the camera angle (0°~350° horizontal / -10°~80° vertical), you can define up to three preset view angles for one-touch (no swiping control action required) control.
- Further you can setup to have certain sensor(s) to trigger any of the three preset view angles to automatically direct the view angle towards the sensor location for precise view/record.

Besides for residential protection, Why MaxGuard *Pro* also fit small or office?

- Most of the small business/office has limited budget therefore MaxGuard *Pro* not only can save installation costs/labor, owner won't have to deal with recurring monthly fees and penalty cost due to false alarms.
- Owner of small business/office can start small and build up the system whenever needed.

Why is there always a "clicking" sound from the network camera when light goes on/off?

- That is perfectly normal. The "clicking" sound is made by the camera's IR-cut Switcher switching to suitable lens filter for better viewing performance.

What is the minimum system requirement for the iMAXWELL app?

- iOS 8.0 or later.
- Android 4.2.X or later

What is the difference between system ARM and Partial ARM?

- The system ARM is for arming the entire system (entire house) and partial ARM is for arming some of the devices (1st floor only), which is good for night time when owner can still freely move about in the bedroom and upstairs hallway, etc.

Can I install the four network cameras in different locations?

- Absolutely yes. The cameras can be located in different countries even and still be accessed/monitored via single app, just add the DID/Security Code of the individual camera to the app. Video events of different cameras can still be listed in the event list in time sequence despite of the time zone difference.

PRODUCT SPECIFICATION

Gateway Box

Model Number	MW-GW11
Operation Voltage	DC 12V/1A
Ethernet	10/100Mbps
Sub-1G	868.3 (EU) /916.8 (US) Mhz
LED Light	Max Standby 12hr
User Macro	Sensor/Power
	APP

Indoor Siren

Model Number	MW-IS11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range	150M
(open field conditions)	
Power Source	DC-in 5V/1A (4 x AA batteries as backup power, not included)
Battery Life	Anticipated life up to 18 months(alarm 3 min per month)
Piezo Siren	Maximum 95dB
Low Battery Monitoring	Yes (On device and transmitted to iMAXWELL APP)
Tamper Detection	No
Tamper Switch	No
Operating Environment	Indoor
Operating Temperature	-10°~+50°C
Operating Humidity	10%~80%RH
Dimensions	120mm (H) x 80mm (W) x 35mm (D)

Panic Remote

Model Number	MW-RM11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range	150M
(open field conditions)	
Battery Type	1 x CR2032 Battery (included)
Battery Life	Anticipated life up to 2 years (Supposed 10 triggers per day)
Low Battery Monitoring	Yes (On device and transmitted to iMAXWELL APP)
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	60mm (H) x 30mm (W) x 14mm (D)

Wireless PT Camera

Model Number	MW-PTC11
Wireless Compatible	IEEE 802.11 b/g/n
Sensor	Mega Pixel CMOS
Frequency	2400MHz~2485MHz
Protocol	TCP/IP, UDP, SMTP, NTP, DHCP, ARP
Image Compression	H.264
Image Resolution	FULL HD 1920X1080
Operating Temperature	-10°~+50°C
Operating Humidity	20~80 RH (N.A.-condensing)

Motion PIR

Model Number	MW-PIR11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Max. Detection Range	16M
Detection Angle	110°
Battery Type	3 x 1.5V AA Batteries (included)
Battery Life	Anticipated life up to 2 years
Low Battery Monitoring	Yes(On device and transmitted to iMAXWELL APP)
Tamper Detection	Yes (Rear)
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	110mm (H) x 61.4mm (W) x 51.6mm (D)

Door/Window Sensor

Model Number	MW-DW11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Battery Type	1 x CR2032 Battery (included)
Battery Life	Anticipated life up to 2 years (Supposed 10 triggers per day)
Low Battery Monitoring	Yes (On device and transmitted to iMAXWELL APP)
Tamper Detection	Yes (Front)
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	Large piece: 71mm (H) x 27mm (W) x 14mm (D) Small piece: 71mm (H) x 13mm (W) x 13mm (D)

On / Off Switch

Model Number	MW-AS11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Plug Type	USA/EU/UK/FR
Load Switching Capability	USA/1800W, EU/3500W, UK/3000W
Low Battery Monitoring	No
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	94mm (H) x 55mm (W) x 31mm (D)

Smoke Sensor

Model Number	MW-SMD11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Battery Type	2 x AA Alkaline Battery (included)
Battery Life	Anticipated life up to 1 year (standby mode)
Piezo Siren	85dB
Smoke Chamber	Photoelectric
Tamper Detection	Yes (Front)
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	120mm (H) x 120mm (W) x 35mm (D)

RF Keypad

Model Number	MW-WKP11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Battery Type	4 x AA Alkaline Battery (included)
Battery Life	Anticipated life up to 6 months (Supposed 3 entries/exits per day)
Low Battery Monitoring	Yes (On device and transmitted to iMAXWELL APP)
Operating Temperature	0°~40°C
Operating Humidity	10%~80%RH
Dimensions	140mm (H) x 120mm (W) x 30mm (D)

Water Leak Sensor

Model Number	MW-FD11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Power Source	4 x AA Alkaline Battery (included)
Battery Life	Anticipated life up to 2 years (Supposed 1 trigger per day)
Piezo Siren	Maximum 95dB, 3 minutes
Cable Length	200 cm
Low Battery Monitoring	Yes
Operating Temperature	0°~40°C
Operating Humidity	93%@40°C
Dimensions	94mm (H) x 55mm (W) x 31mm (D)

Outdoor Siren

Model Number	MW-OS11
Signal Frequency	868.3 (EU)/916.8 (US) MHz
RF Range (open field conditions)	150M
Power Source	4 x D-Type Battery (included) or 5V/1.5A Power Adaptor (optional, not included)
Battery Life	Anticipated life up to 18 months (Supposed 1 trigger per month, each time 3 minutes))
Piezo Siren	Maximum 105dB
Waterproof	IP44
Low Battery Monitoring	Yes (On device and transmitted to APP)
Tamper Detection	Yes, device alert sound and alert indicator on app
Tamper Switch	Yes
Operating Environment	Outdoor
Operating Temperature	-10°~+50°C
Operating Humidity	10%~80%RH
Dimensions	245mm (H) x 130mm (W) x 95mm (D)