

iSmartAlarm™
iSmartAlarm Home Security System
OWNER'S MANUAL

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INTRODUCTION

Thank you for purchasing the iSmartAlarm Home Security System. The iSmartAlarm™ allows you complete control over your home's security utilizing your smartphone.

This manual will guide you through the set up procedures and highlight the Security System's key features. Please keep it handy for future reference.

PACKAGE CONTENTS

- 1 CubeOne™
- 2 Contact Sensors
- 1 Motion Sensor
- 2 Remote tags
- 1 Power adapters
- 1 Network cable
- Accessories
- Window Decals
- Installation guide
- Owner' s Manual

Note: please refer to the packing list for exact content in each specific package.

INTENDED USE

With the CubeOne™ managing motion detectors, door and window protection, remote control and panic features, as well as optional iCamera™ and additional devices, you can be assured your property and family are safe utilizing your smartphone.

IMPORTANT NOTES FOR USERS

The iSmartAlarm system doesn' t offer guaranteed protection against burglary or other emergency.

iSmartAlarm system is Do-It-Yourself (DIY) product.


iSmartAlarm system does not come with traditional monitoring service.

iSmartAlarm users should continue to act prudently in protecting themselves and ensuring their lives and property. Any alarm system is subject to compromise or failure for a variety of reasons:


- Intruder may gain access through unprotected openings.
- Intruder may have the technical sophistication to bypass a sensor or whole system.
- Signals sent by CubeOne or devices may be blocked or reflected before being received, and block can occur if metal objects are moved into the path of the signal.
- Motion sensors can only detect the intrusion within the designed ranges and unobstructed areas.
- Malfunction of routers, limited services by wireless phone carriers, limited speed of high-speed internet by ISP, limited service such as iMessage, push notification provided by smartphone maker(s).
- The iSmartAlarm system, like any electrical system, is subject to component failures.


CONTRAINDICATION

Use appropriate caution if you use this product in combination with medical electronic devices such as:

 (1) Medical electronic implants such as space makers.




 (2) Electronic life support systems such as artificial heart/lungs.

 (3) Portable electronic medical devices such as electrocardiographs.

This product could cause these devices to malfunction posing a considerable health risk to users of these devices. **Contact sensors include parts with strong magnetic force**

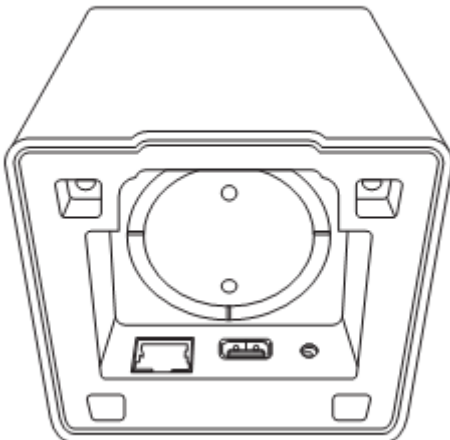
 (4) Use caution when utilizing/testing siren volume. Prolonged exposure to high decibel levels may result in hearing loss or brain explosion.

 (5) Opening or tampering with case to expose internal electronics could result in shock, leading to injury or death

PARTS AND DISPLAY INDICATORS

CubeOne™:

Ports connection as below.



10/100 BASE-T Ethernet :for connecting to router

Power: for connecting to power adaptor

USB: a port for future function expansion (not for connecting to computer directly)

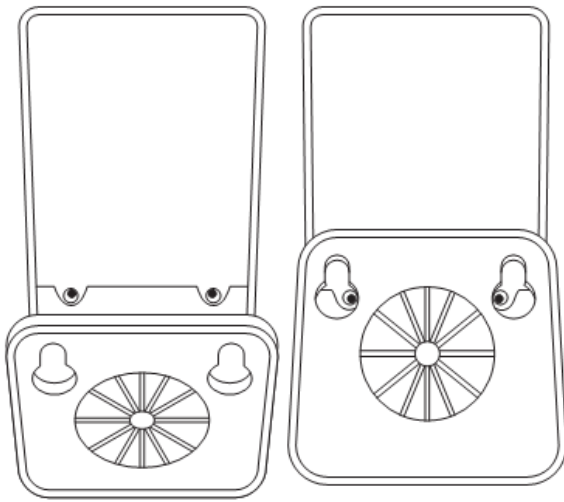
LED statuses of CubeOne™

1. Booting: LED stays solid red
2. Normal working status: LED flashes white , "breathing" when siren is off; LED flash red when siren is on
3. Disarming: LED switch from flash red to white "breathing" when disarming
4. Registration: LED alternates between red and white during registration

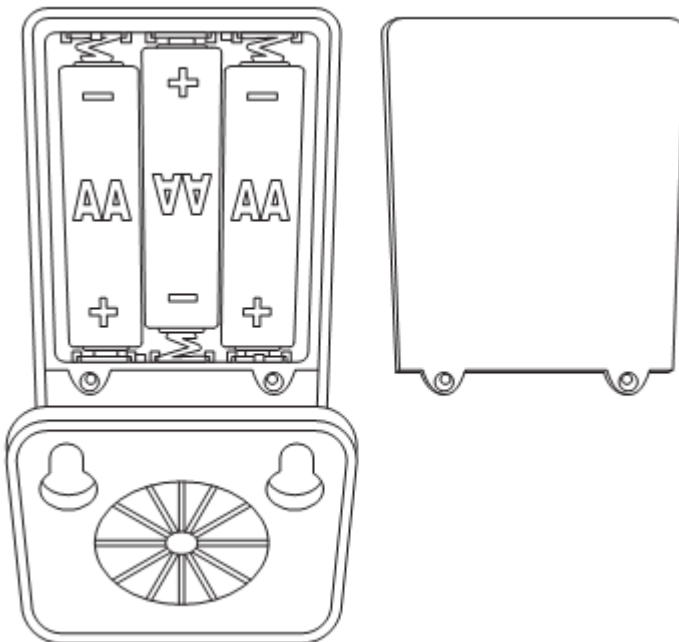
Motion sensor:

How to change battery:

1. **Unscrew and take off the back lid**



2. **Replace the three AA batteries as below.**



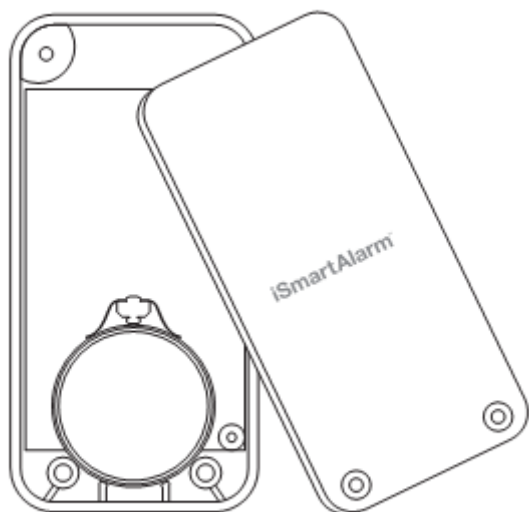
Remote tag:

How to change battery:

1. **Unscrew and take off the back lid**



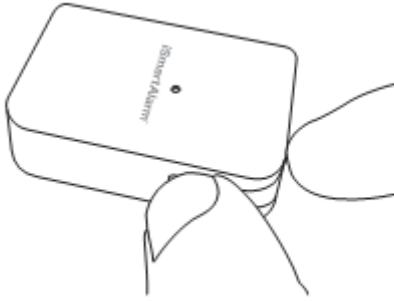
2. **Replace the button battery with same type - CR2032**



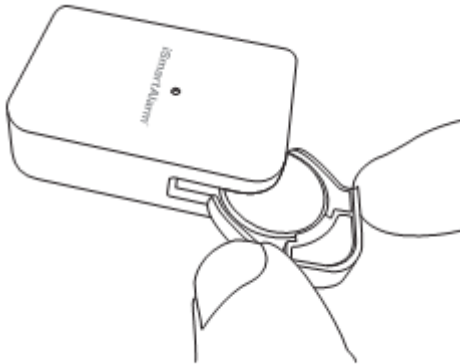
Contact sensor:

How to change battery:

1. **Take off the battery compartment**



2. Replace the button battery with same type - CR2032



LED statuses of contact sensors, motion sensors and remote tags

1. Device has been added to the network successfully: LED flashes red twice
2. Devices are working normal: LED is off
3. Sensor has been triggered: LED flashed red once
4. Low battery: flash 3 times continuously within 3 seconds
5. Communication error: LED stays solid red and white "breathing"

Sound confirmations

1. Siren stays on when the system is set off or the Siren button is clicked twice (in quick succession) on either App or Remote Tag
2. Arm/Home: 1 "bing" confirmation
3. Disarm: 2 "bing" confirmations

SETUP REQUIREMENTS

The iSmartAlarm Home Security System is designed to be used with the following iPhone models:

- iPhone5
- iPhone 4S
- iPhone 4
- iPhone 3GS

The iOS version of these devices should be 5.0 or higher.

SETUP PROCEDURES

DOWNLOAD THE FREE iSmartAlarm APP

Prior to first use, download the "iSmartAlarm Home Security System " from your phone' s App store .Use keyword search term "iSmartAlarm Security System"

It is very important that every iSmartAlarm user follows the on-screen instructions to register and complete a personal profile. Once you have completed the iSmartAlarm App on-screen instructions on your iPhone, and completed the following setup instructions, your iSmartAlarm Home Security System is ready to use!

PREPARING FOR SET UP

Make sure your:

- iOS device is compatible and is version 5.0 or higher.
- Make sure the iPhone, CubeOne™ and iCamera™ (optional) are connected to the same Wi-Fi network.
- Internet connection provided by a Wi-Fi router is compatible with Wi-Fi IEEE 802.11 b/g standard.

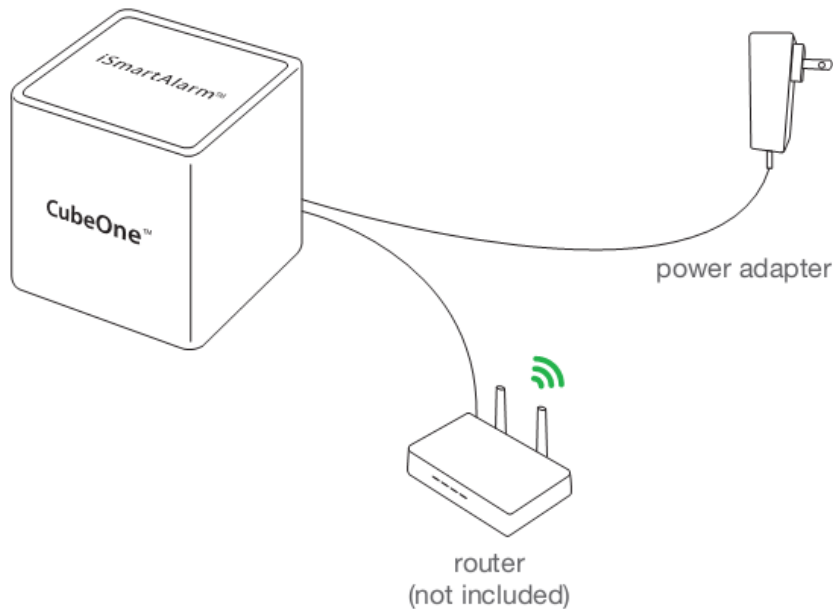
OPERATING SET UP INSTRUCTIONS

STEP 1:

Connect the CubeOne™ to your router according to the picture provided below.

Plug the CubeOne™ into a wall outlet using the included power adapter.

Power on the CubeOne™ and wait for the booting process to finish (it will automatically boot, and should take 1-2 minutes). You will know the booting process is finished when the CubeOne's white LED lights "breathe" (flash slowly).



STEP 2:

Remove the insulation tag from the battery compartment of contact sensors, remote tags, and motion sensor.

Place each of the devices in appropriate locations (see examples below).

STEP 3:

Download the "iSmartAlarm Home Security System" from your phone's App Store.

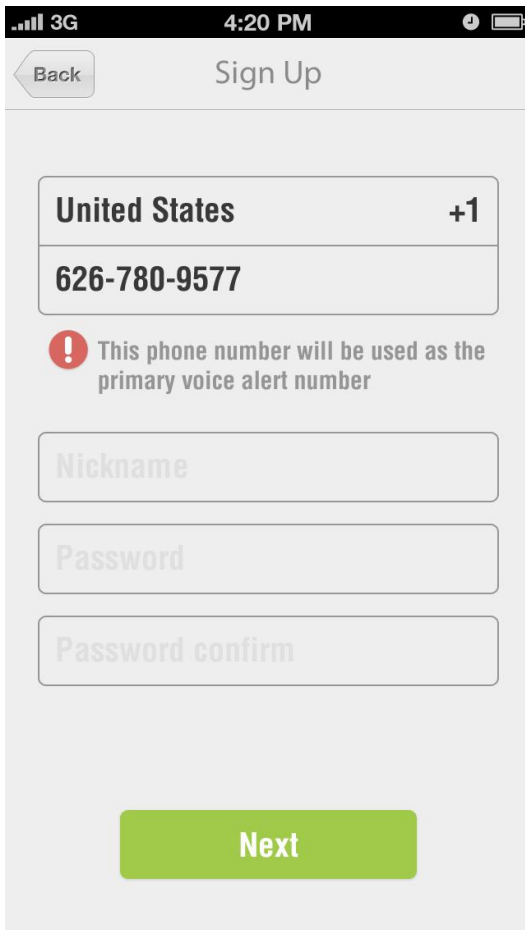
Follow the App instructions for activating the system. Once you have completed the iSmartAlarm App on-screen instructions on your iPhone, ensure that all sensors and remote tags are registered and show up correctly in the App.

Additional Devices: Additional sensors can be added to the iSmartAlarm home security at any time by going to Device Setting of App, and then following the prompted steps. Make certain that the new sensor/device has been correctly powered on prior to scanning.

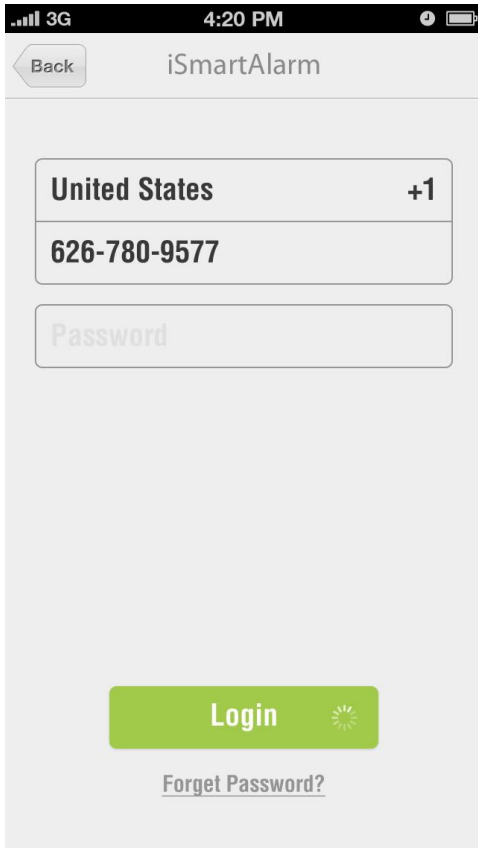
APP – BASIC WALKTHROUGH

Upon download and installation of App on your phone, you will be required to complete some basic necessary steps to begin using your iSmartAlarm. The basic overview of steps are as follow:

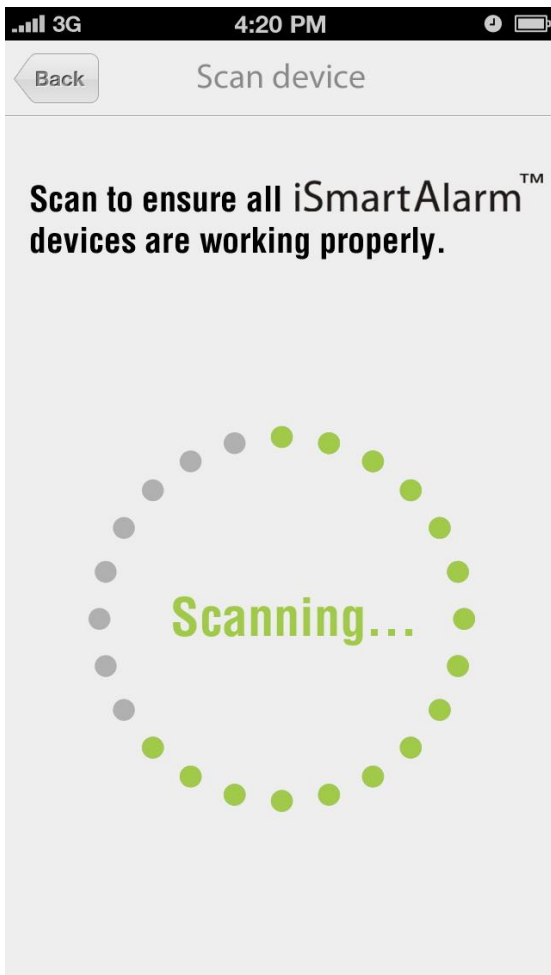
1. Sign up, following prompts, with accurate information. Please ensure that you provide your phone number which will be used as the alert phone number when the system is set off



2. Login to the iSmartAlarm App using the credentials you established during the sign up process

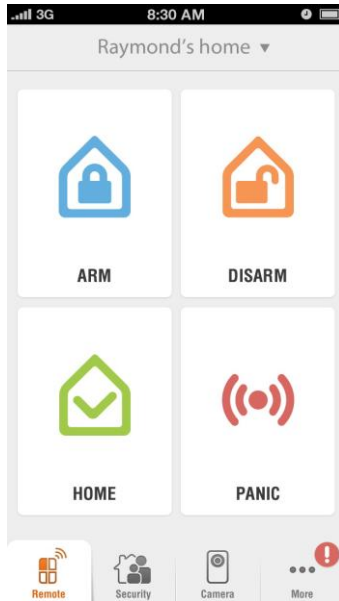


3. Follow the prompts to scan for devices. This will complete registration of the devices to your CubeOne

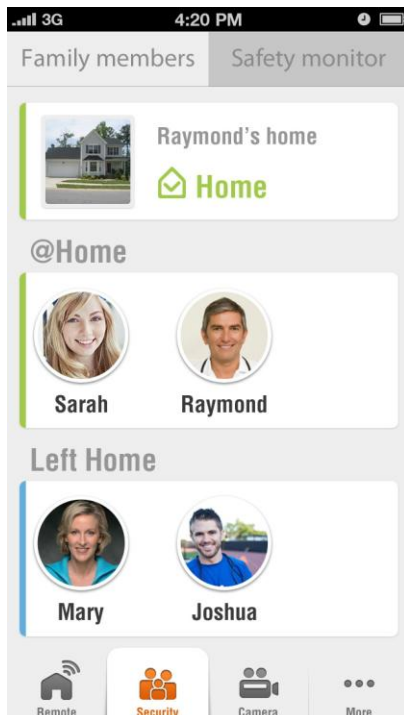


4. Once this registration is complete, you will receive a phone call during the sign up process – This is an automated voice, intended to confirm the phone number you have submitted is correct. Please answer call, listen to message, and hang up. You may proceed once you have confirmed the phone call was received correctly.

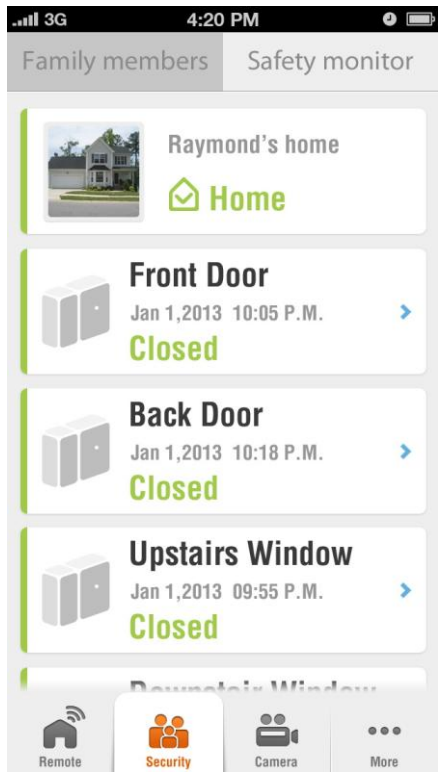
APP SCREEN LEGEND



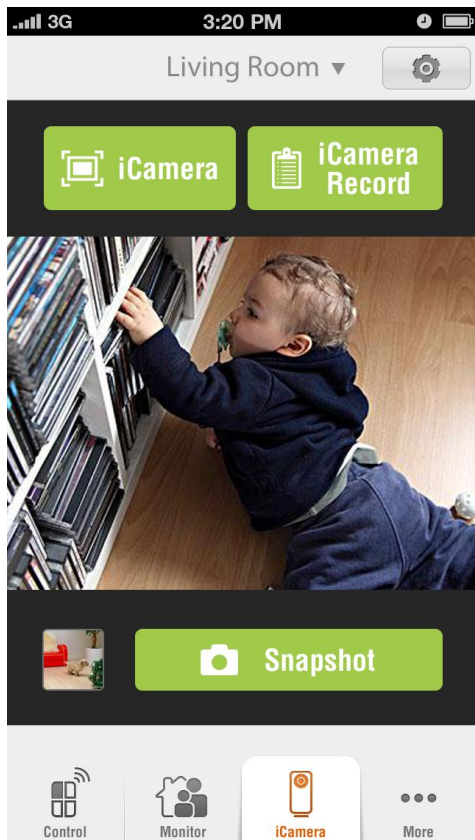
This is your primary page for control of your iSmartAlarm. You can arm or disarm the system, set the system to “Home” setting (all devices on except motion detector), or set off the Panic siren with 2 taps on the icon.



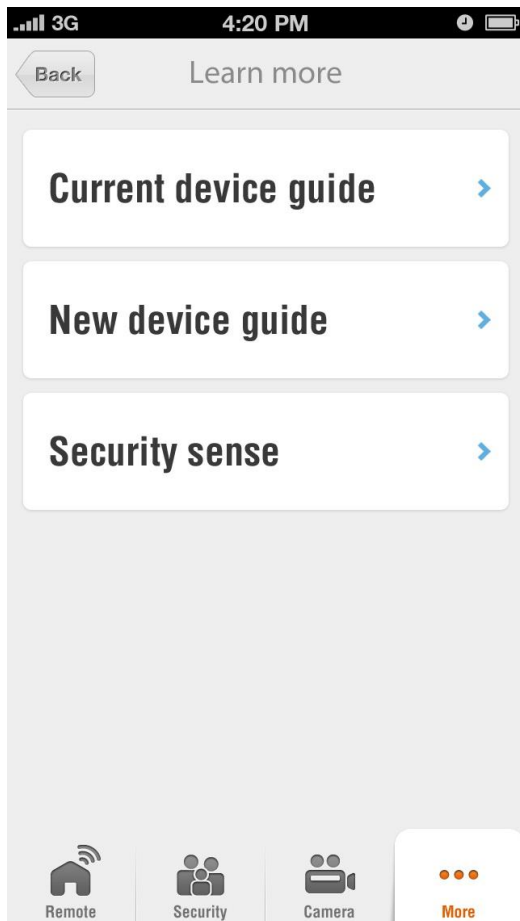
Here, you can view all members added to your network along with their status (home or away)



You can view the status of all devices



View streaming video through your optional iCamera – pan, tilt, and take snapshots and automatically upload to the cloud



View and make changes to your profile, your family settings, device settings, add or remove additional devices, and learn more about your iSmartAlarm through the Help Center

Also ensure you receive the phone call notification from iSmartAlarm (if applicable in your area).

For more detailed operating instructions, please visit www.iSmartAlarm.com or the FAQ section of the iSmartAlarm Home Security System App on your iOS device.

SPECIFICATIONS

CubeOne™

1. Model: iPU3
2. Classification: **External power**
3. Device dimensions: 100mm*100mm*105mm
4. Weight: 370g
5. Power: DC5V1A
6. Frequency: 908MHZ
7. Distance: <100m (Outdoor, open space)
8. Connection and Expansion:
 - USB port 2.0;
 - 10/100 BASE-T Ethernet(RJ-45 connector)
10. Operating temperatures: -10°C~50°C(14° F~122° F)

11. Operating humidity: $30^{\circ}\text{C} \pm 2 \leq 85\% \pm 5$
12. Storage and transport temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 131^{\circ}\text{F}$)
13. Storage and transport humidity: $40^{\circ}\text{C} \leq 90\%$

Motion Sensor

1. Model:PIR3
- 2.Classification: Internally-powered
- 3.Device dimensions:100mm*69mm*50mm
4. Weight: 80.1g
5. Power: 3*1.5V(AA)
- 6.Frequency:908MHZ
7. Distance: <100m (Outdoor, open space)
8. Operating temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
9. Operating humidity: $30^{\circ}\text{C} \pm 2 \leq 85\% \pm 5$
10. Storage and transport temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 131^{\circ}\text{F}$)
11. Storage and transport humidity: $40^{\circ}\text{C} \leq 90\%$
- 12.PIR detection angle Wall mount@2.2m 90° 10M



Remote Tag

1. Model:RC3
- 2.Classification: Internally-powered
- 3.Device dimensions:60mm*30mm*10mm
4. Weight: 12.8g
5. Power: 1*3V (CR2032)
- 6.Frequency:908MHZ
7. Distance: <100m (Outdoor)
8. Operating temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
9. Operating humidity: $30^{\circ}\text{C} \pm 2 \leq 85\% \pm 5$
10. Storage and transport temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 131^{\circ}\text{F}$)
11. Storage and transport humidity: $40^{\circ}\text{C} \leq 90\%$


Contact Sensor

1. Model:DWS3
- 2.Classification: Internally-powered
3. Device dimensions:50mm*50mm*13mm
4. Weight: 27.4g
5. Power: 1*3V (CR2032)
- 6.Frequency:908MHZ
7. Distance: <100m (Outdoor, open space)
8. Operating temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
9. Operating humidity: $30^{\circ}\text{C} \pm 2 \leq 85\% \pm 5$
10. Storage and transport temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 131^{\circ}\text{F}$)
11. Storage and transport humidity: $40^{\circ}\text{C} \leq 90\%$
- 12.Magnetic gap(Open to Close): <20mm
- 13.Magnetic gap(Close to Open): <20mm

GENERAL SAFETY AND PRECAUTIONS



1. Read all of the information in the Owner' s Manual and other included product information in the packaging before operating the product.
2.  Prolonged exposure to alarm siren may cause permanent hearing loss
3. Battery may leak harmful liquids or ignitable materials or explode causing injury and product damage
4. To avoid damage as a result of battery leakage, remove batteries if the device is not going to be used for more than 3 months.
5. Do not mix old and new or other battery types
6. Replace fully discharged battery immediately
7. Do not run Adapter cable through wall
8.  It may not be safe for people with pace makers to use the security system.

Contact sensors include parts with strong magnetic force.


9. Avoid using the iSmartAlarm™ near strong magnetic fields, such as microwave ovens, etc.
10. The Products may not perform accurately if stored or used outside the specified temperature and humidity ranges cited under Specifications.
11. Changes or modifications not expressly approved by iSmart Alarm Inc. invalidate the user' s warranty for this equipment.
12.  NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

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

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

13.  This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, could void the user' s authority to operate the equipment.
14.  This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:(1) this device may not cause interference, and(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

15.  Under Industry Canada regulations ,this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved For the transmitter by Industry Canada . To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
16. **NOTE: "This device" includes "CubeOne" , "Contact Sensor" , "Motion Sensor" , "Remote tag"**

TROUBLESHOOTING

1.CubeOne™ LED stays red

- Ensure the proper connection between CubeOne and Router
- Ensure the Internet connection to the router

2.CubeOne™ is not found in App during registration

- Ensure that iPhone and CubeOne™ are on the same Wi-Fi connection
- Ensure that CubeOne™ is properly powered
- Ensure that LED of CubeOne™ is slowly flashing white (“breathing”)

3.Sensors or Remote Tags are not found during registration at APP

- Ensure the sensors or remote tags are properly powered with battery
- Ensure the sensors and remote tags have been listed in the Device Setting of App

4.Unknown sensors or Contact Tag are found during registration

- Delete any unknown sensors or contact tag from the device list of Device Setting at App

5.Fail to register all devices including CubeOne, sensors and remote tag

- Ensure that CubeOne, sensors or remote tag are properly powered and well connected
- Register all devices after resetting the power of all devices

6.Cannot Arm or disarm through App

- Ensure that the internet connection of your iPhone is good
- Ensure that CubeOne™ is slowly flashing white (“breathing”)

CARE AND MAINTENANCE

1. Avoid high temperatures and radiation. Do not immerse the product in water, as this will damage the product.
2. If the product is stored in near freezing or freezing temperatures, allow it to acclimatize to room temperature before use.
3. Do not attempt to disassemble the product.
4. Remove the batteries if the product is not going to be used for more than 3 months.
5. Clean the product with a soft damp cloth if dirty. Do not use abrasive or solvent-based cleaners, or allow any device to become wet.

WARRANTY INFORMATION

For detailed operating instructions and updates, please visit www.iSmartAlarm.com

This product is design for home security.

The manufacturer and distributor are not responsible for any legal liability caused by negligence. Our goods come with a 1-year warrantee that cannot be excluded under your local Consumer Law.

You are entitled to a replacement or refund for a major failure of product. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to major failure. Please refer to the Warranty or Terms and Conditions for more details.

EXPLANATION OF SYMBOLS



Symbol for the “Owner’ s Manual –Must be read”



Symbol for “Caution”



Symbol for "TYPE BFAPPLIED PARTS"



Symbol for "ENVIRONMENT PROTECTION – Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice."



Symbol for "KEEP DRY"

Manufactured for iSmart Alarm, Inc.

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www.ismartalarm.com

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