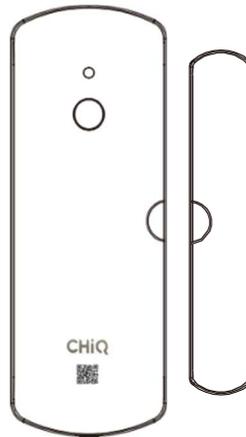


Changhong CHiQ

User Guide

CH7704-UC



Door Sensor

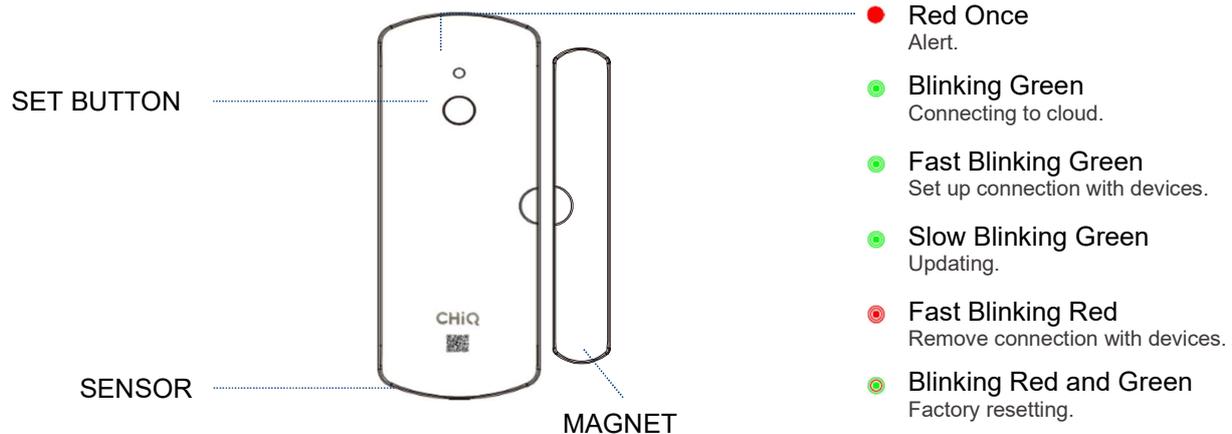
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Introduction

CHiQ Door Sensor will detect opening and closing of your door and send alert or trigger action. This device can also be applied to windows, drawers, boxes or other stuff which you want to monitor on and off or trigger certain action.

LED lights can show you the current status. See the explanation below:



Features

Real-time Status - Monitor the real-time state of door via CHiQ App.

Open Remind - Remind you while the door is open for a set up time.

Battery Status - Update battery level and send low battery alert.

CHiQ Control - Trigger an action of certain CHiQ devices without internet.

Automation - Set up rules for “If this then that” function.

Product Requirements

1. A CHiQ Hub.
2. A smartphone or tablet running iOS 9 or higher; Android 4.4 or higher.

Set Up Door Sensor

Follow the steps below to set up your door sensor via CHiQ App.

Step 1: Set up CHiQApp

- Get the CHiQ App from the Apple App Store or Google Play.



Step 2: Log in or sign up with CHiQ account

- Open the App. Use your CHiQ account to log in.
- If you don't have a CHiQ account, tap **Sign up for an account** and follow the steps to sign up an account.



Step 3: Add device to CHiQ App

- Tap the “” in CHiQ App. Scan the **QR Code** on the device.
- You can customize the name, set the room, add to/remove from favourite.
 - a. **Name** - Name Door Sensor.
 - b. **Room** - Choose a room for Door Sensor.
 - c. **Favourite** - Click “” icon to add/remove from Favourite.
- Tap the “Bind Device” to add the device to your CHiQ account.



Step 4: Connect to the cloud

- Press the SET button once and your device will connect to the cloud automatically.

Note

- Make sure your hub is connected to internet.

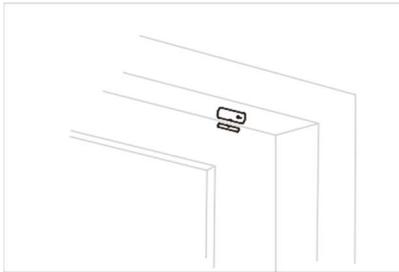


Installation

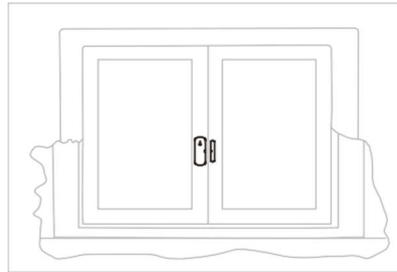
- Please keep the default distance between sensor and magnet within 18mm when closed.
- Please use the double side tape to stick the sensor and magnet to wherever you want to monitor.

Note

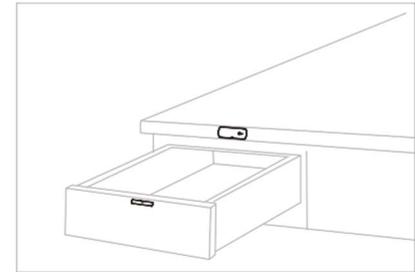
- Please add door sensor to CHIQ App before you install it.
- While installing, try to stick the sensor to the fixed part of your door or window.
- Please align the half circle on sensor with the half circle on magnet.



Door



Window



Drawer

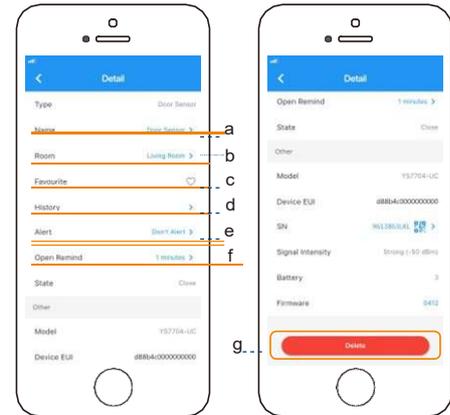
Using CHiQ App with Door Sensor

Details

You can customize the name, set the room, set the open alert, add to/ remove from favourite, check device history.

- Name** - Name Door Sensor.
- Room** - Choose a room for Door Sensor.
- Favourite** - Click “ ♥ ” icon to add/remove from Favourite.
- History** - Check the history for the door.
- Alert** - Enable or disable alert for Door Sensor.
- Open Alert** - Set a time which you will able to receive an alert once your door has been open for that long.
- Delete** - The device will be removed from your account.

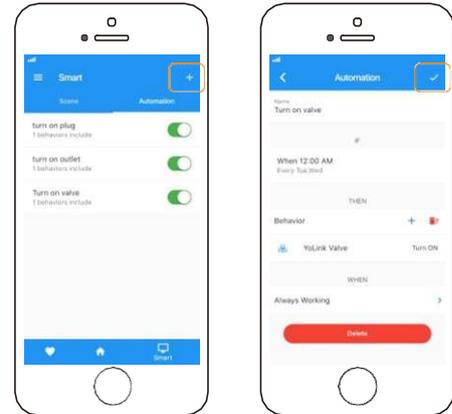
- Tap the “Door Sensor” in App to go to its controls.
- Tap the “ ⋮ ” icon at the top-right corner.
- Tap the icon for each of the setting you want to personalize.



Automation

Automation allows you to set up “If This Then That” rules so the devices could act automatically.

- Tap “Smart” to switch to Smart screen and tap “Automation”.
- Tap “ + ” to create an automation.
- To set an Automation, you will need to set a trigger time, local weather condition, or choose a device with certain stage as a triggered condition. Then set one or more devices, scenes to be executed.



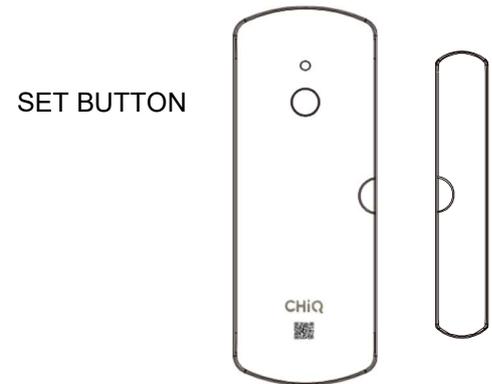
CHiQ Control

CHiQ Control is our unique “device to device” control technology. Under CHiQ Control, the devices can be controlled without internet or Hub. Devices which send out command is called controller (Master). Devices which receive command and act accordingly is called responder (Receiver).

You will need to set it up physically.

Pairing

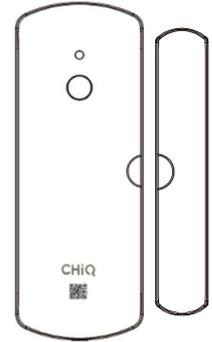
- Find a door sensor as controller (Master). Hold the set button for 5-10 seconds, the light will flash green quickly.
- Find an action device as responder (Receiver). Hold the set button for 5-10 seconds, the device will enter pairing mode.
- After pairing succeed, the light will stop flashing.
- When the door is detected to be opened, the responder will be turned on as well.



Unpairing

- Find the controller (Master) door sensor. Hold the set button for 10-15 seconds, the light will flash red quickly.
- Find the responder(Receiver) action device. Hold the set button for 10 - 15 seconds, the device will enter unpairing mode.
- The above two devices will unpair by themselves and the light stops flashing.
- When the door is detected to be opened, the responder will no longer turn on.

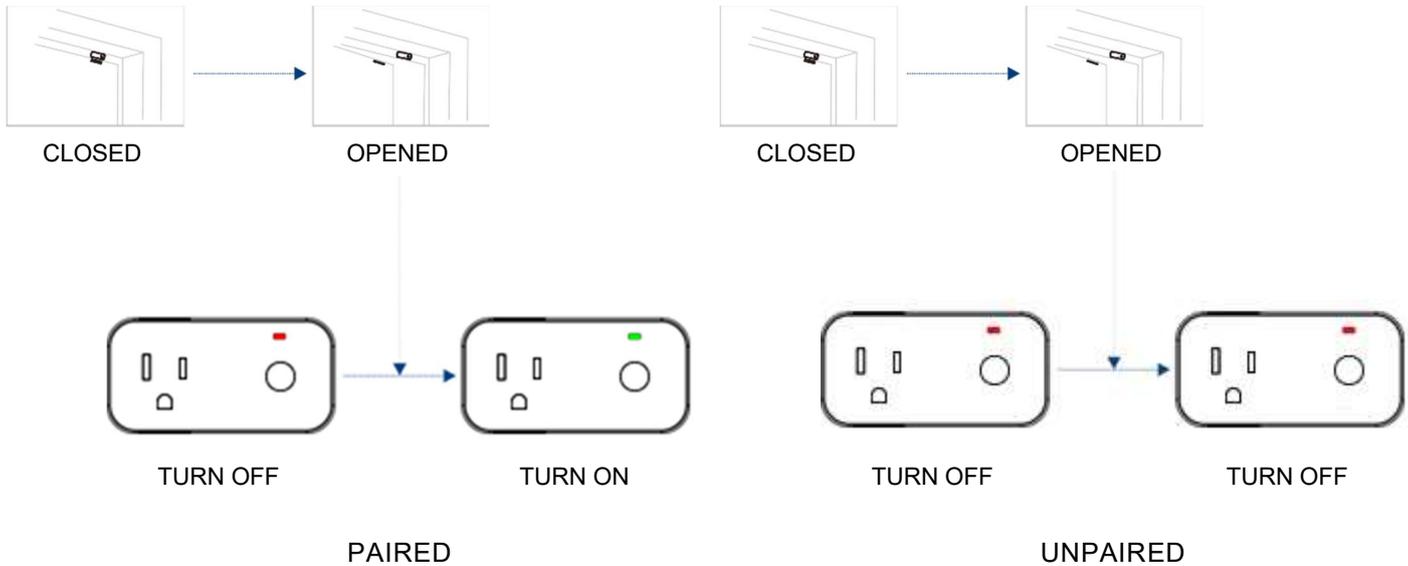
SET BUTTON



Responder List

- CH6602-UC CHI-Q Plug
 - CH6604-UC CHI-Q Plug Mini
 - CH5705-UC In-wall Switch
 - CH6704-UC In-wall Outlet
 - CH6801-UC CHI-Q Power Strip
- Continuously updating..

CHiQ Control Diagram



Maintaining the Door Sensor

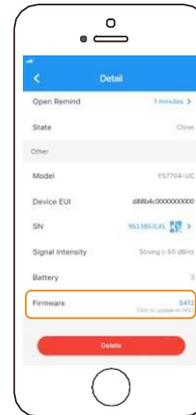
Firmware Update

To ensure our customer have the best user experience, we highly recommend you could update our newest version firmware.

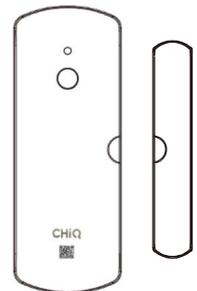
- Tap the “Door Sensor” in App to go to its controls.
- Tap the “⋮” icon at the top-right corner to go to details.
- Tap “Firmware”.
- Press SET button once.
- The light will be slowly blinking green during the update and stop blinking when the update done.

Note

- Only the Door Sensor that is currently reachable and has an available update will be shown in the Details screen.



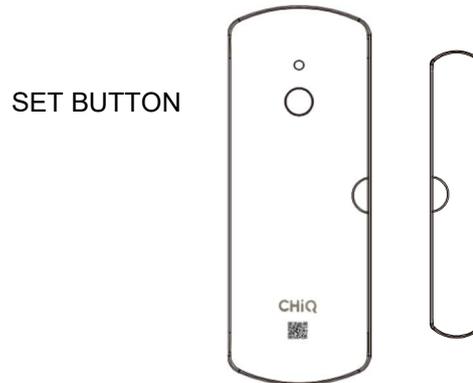
SET BUTTON



Factory Reset

Factory reset will erase all your settings and bring it back to default. After the factory reset, your device will be still in your CHiQ account.

- Hold the set button for 20-25 seconds until the LED blinks red and green alternately.
- Factory reset will be done when the light stops flashing.



Specifications

Voltage: 3V DC (2 - AAA battery)

Trigger Distance: 18-25mm

Environment: Operating temperature: 0°C~40°C (32°F~104°F)
Operating humidity: 10%~90% non-condensing

Troubleshooting

Problem	Possible Reason	Solution
Sensor is offline.	Hub is offline.	Please reconnect your hub to the Internet and press the set button of Door Sensor once.
	Hub is powered off.	Please power on the hub again and press the set button of Door Sensor once.
	Sensor battery is dead.	Please replace the battery.
	Product is defective.	Please contact customer service.
No alert or light.	Product is defective.	Please contact customer service.
LED blinking, no alert.	Notification has been turned off in CHiQ App.	Please turn notification on in the setting page of CHiQ App.
Other problems.	Product defective.	Please contact customer service.

**If you are unable to get your product working,
please contact our customer service during business hours.**

US Live Tech Support: 1-408-9700349 M-F 9am - 5pm PST

Email: crl@Changhong.us

Changhong Research Labs Inc. 3945 Freedom Circle, Suite 320, Santa Clara,
CA 95054

WARRANTY 2 Years Limited Electrical Warranty

Changhong warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 2 years from the date of purchase. User must provide a copy of original purchase receipt. This warranty Does Not Cover abuse or misused products or products used in commercial applications. This warranty does not apply to door sensors that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repairing or replacing of this door sensor only at Changhong's sole discretion. Changhong will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees.

To implement this warranty please give us a call during business hours at 1-408-9700349 or visit www.Changhong.us.

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FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio 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.

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.

2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”