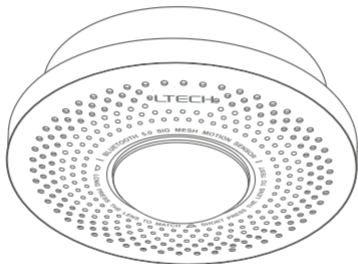


# LTECH

## Bluetooth Mesh Motion Sensor



Manual

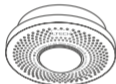
[www.ltech-led.com](http://www.ltech-led.com)

 Bluetooth®   

## Product Introduction

Bluetooth motion sensor uses Bluetooth 5.0 SIG Mesh and adopts pyroelectric infrared induction technology. It is able to detect the presence of humans by sensing body heat. When it detects a person passing by, scenes can be triggered automatically via an intelligent gateway, making your life smarter everywhere.

## Package Contents



Bluetooth motion sensor×1



Lithium battery×1



3M Sticker×1



Manual×1

## Technical Specs

Product Name: HS-BLE

Working Voltage: 3.0Vdc (Lithium battery CR123A)

Wireless Protocol Type: Bluetooth 5.0 SIG Mesh

Detection Range: 4.2m

Detection Angle: 120 degrees

Battery Life: 5 years

Working Temperature: 0°C~40°C

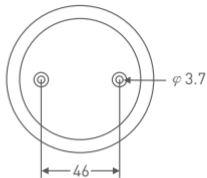
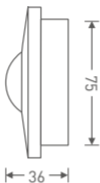
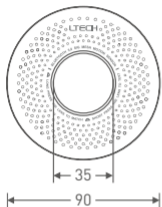
Dimensions (L×W×H): 90×90×36(mm)

Package Size (L×W×H): 91×91×42(mm)

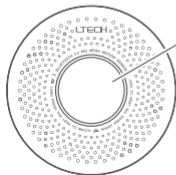
Weight (G.W.): 115g

# Dimensions

Unit: mm



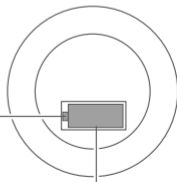
# Key Functions



Sensor lens

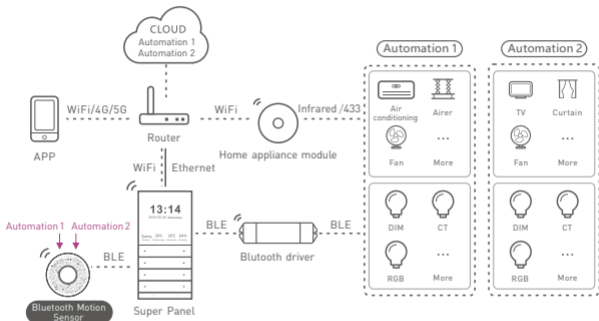
Short press to test.  
Long press to activate.

Insulation sheet  
(please pull it out before using.)



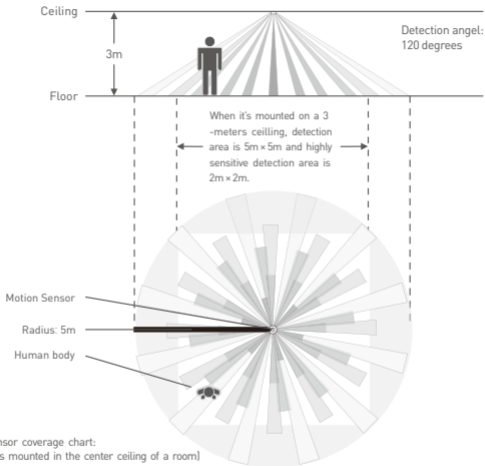
CR123A  
Lithium battery

# Application Diagram



Cloud automation application

# Detection Angle / Detection Range

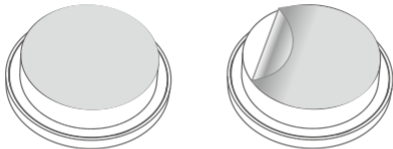


Ceiling height	Maximum coverage area	
2.4m	4.1m×4.1m	16.8m <sup>2</sup>
2.7m	4.6m×4.6m	21.1m <sup>2</sup>
3.0m	5.2m×5.2m	27.0m <sup>2</sup>
3.7m	6.4m×6.4m	54.7m <sup>2</sup>

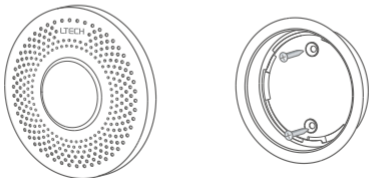
# Installation instructions

( Before mounting the sensor , please pair it up via APP )

Method 1: Tear off the back paper and stick the sensor to the wall table.



Method 2: Rotate the sensor and remove the base. Fix the base to the wall or table with screws, then put the sensor cover in place.



# APP Operating Instructions

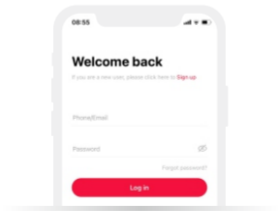
## 1. Account Registration

1.1 Scan the QR code below and follow the prompts to complete the APP installation.



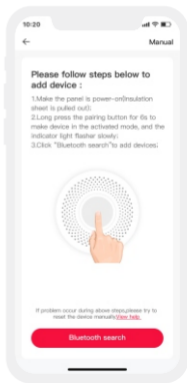
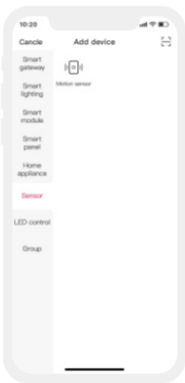
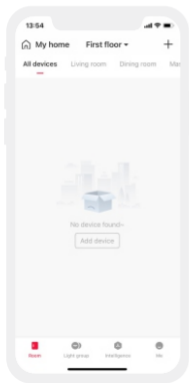
Scan to download APP

1.2 Open the App to log in or register an account.



## 2.Paring instructions

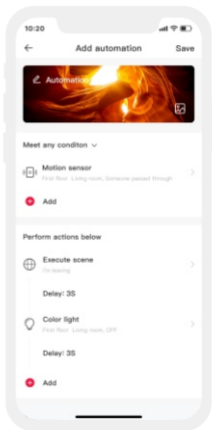
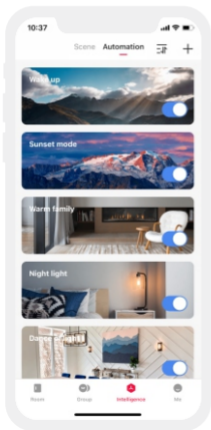
Create a home if you are a new user.Click +icon in the upper right corner to access "Add device" list.Follow the prompts to add the driver first,then pick "Sensor-Motion Sensor" in the device list.Follow the prompts to pull out the insulating sheet,then long press the paring button for 6s until the indicator light flashes slowly and the device is in the activated mode.Click "Bluetooth search" to add the device according to the prompts.





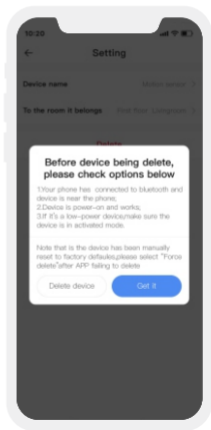
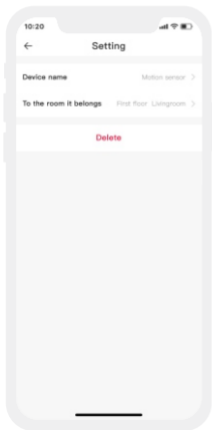
### 3. Automation

This product can achieve automation through linkage with gateway devices (such as Super Panel).



## 4. How to delete a device

Go to the settings to connect your phone to Bluetooth, and make sure your phone is close to the device. Remove the outer cover and long press the pairing button for 6s to activate the device, then click "Delete device" to exit the network.



## FAQs

1. What should I do if I fail to search the device all the time?
  - 1.1 Make sure your phone is close to the device.
  - 1.2 Please attempt to reset the device to factory defaults and add the device again. Remove the battery from the device and wait for 20 seconds, then hold down the pairing button and install the battery. When the indicator light fast flashes 5 times, reset the device to factory defaults successfully.
2. How to reset a motion sensor to factory defaults?
  - 2.1 Remove the battery from the device and wait for 20 seconds, then hold down the pairing button and install the battery. When the indicator light fast flashes 5 times, reset the device to factory defaults successfully.

## Attentions

- Please mount a motion sensor in a spacious space. Do not mount the sensor on or near metal objects, and do not mount behind or near tall cabinets, shelves, hanging fixtures, ceiling fans, etc. The sensor cannot pass through glass objects, so do not mount on glass objects, such as patio or shower doors.
  - Hot objects and moving air currents can affect the sensor's performance and reduce the ability of the sensor to detect human movements. To ensure proper operation, the sensor should be mounted at least 1.2m away from HVAC vents and halogen/incandescent light bulbs that are below the ceiling line.
  - Devices emitting Radio Frequency (RF) energy can affect the performance of sensors. To ensure proper operation, sensors should be mounted at least 1.2m away from devices that emit radio waves (e.g., microwave ovens, wireless routers).
  - When more than one sensor is mounted in the same space, please make sure distance between two sensors should be no less than 0.3m.
  - Please keep away from fire and heat.
  - Please use in a cool and dry place.
  - Disassembling the product without permission may affect the warranty.
  - Please do not attempt to open, modify, repair or maintain this product. Doing so will void this warranty.
- \* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

# Warranty Agreement

Warranty periods from the date of delivery : 2 years.

Free repair or replacement services for quality problems are provided within warranty periods.

## **Warranty exclusions below:**

- Beyond warranty periods.
  - Any artificial damage caused by high voltage, overload, or improper operations.
  - Products with severe physical damage.
  - Damage caused by natural disasters and force majeure.
  - Warranty labels and barcodes have been damaged.
  - No any contract signed by LTECH.
1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
  2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.