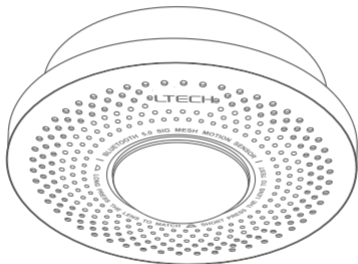


# LTECH

## Bluetooth Mesh Motion Sensor



Manual

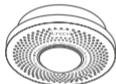
[www.ltech-led.com](http://www.ltech-led.com)

 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.

## Technical Specs



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

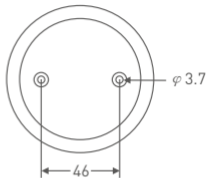
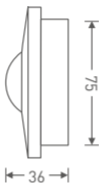
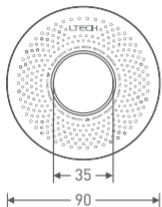
Dimensions (L×W×H): 90×90×36(mm)

Package Size (L×W×H): 91×91×42(mm)

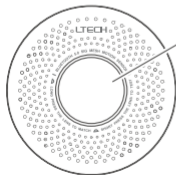
Weight (G.W.): 115g

# Dimensions

Unit: mm



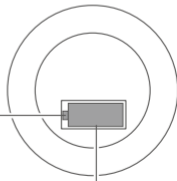
# Key Functions



Sensor lens

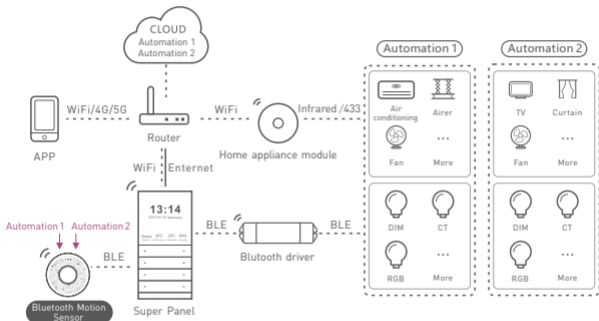
Short press to test.  
Long press to activate.

Insulation sheet  
(please pull it out before using.)



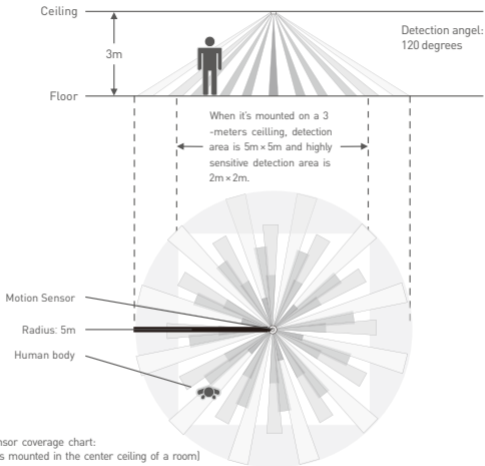
CR123A  
Lithium battery

# 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> |

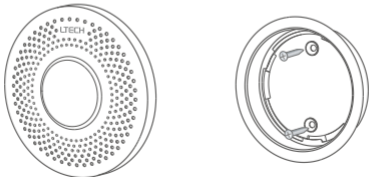
# Installation instructions

( 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

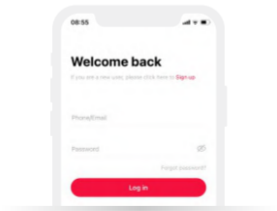
## 1. Account Registration

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



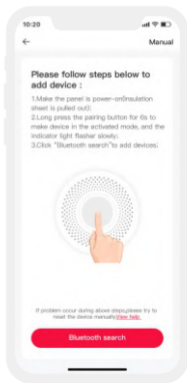
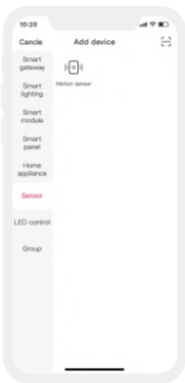
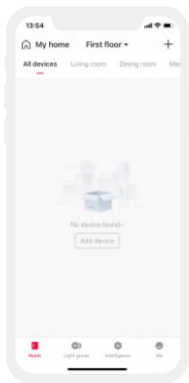
Scan to download APP

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



## 2.Paring instructions

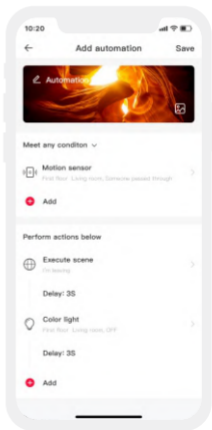
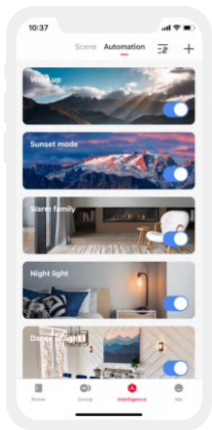
Create a home if you are a new user.Click +icon in the upper right corner to access "Add device" list.Follow the prompts to add the driver first,then pick "Sensor-Motion Sensor" in the device list.Follow the prompts to pull out the insulating sheet,then long press the paring button for 6s until the indicator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





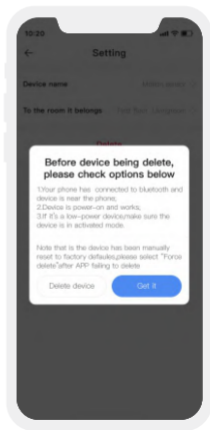
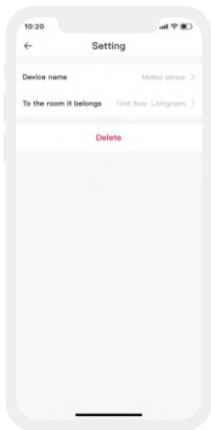
### 3. Automation

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.

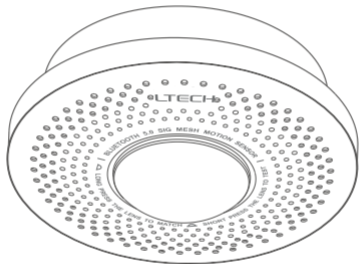
Free repair or replacement services for quality problems are provided within warranty periods.

## **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.

# LTECH

## 蓝牙人体传感器



使用说明书

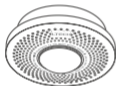
[www.ltech.cn](http://www.ltech.cn)

 Bluetooth®   

## 产品介绍

蓝牙人体传感器是一款采用蓝牙5.0 SIG Mesh无线协议的传感器。采用热释电红外感应技术，通过感应热量的移动精准判断是否有人经过。当检测有人经过时，通过智能网关触发自动化场景，让生活处处都变得智能。

## 包装内容



蓝牙人体传感器  
×1个



锂电池×1粒



3M胶×1张



说明书×1本

## 性能参数

型 号: HS-BLE

工作电压: 3.0Vdc (锂电池CR123A)

无线类型: Bluetooth 5.0 SIG Mesh

感应距离: 4.2米

探测角度: 120度

电池寿命: 5年

工作温度: 0°C~40°C

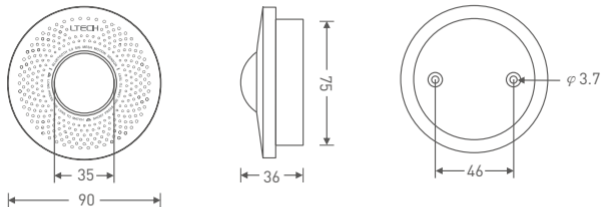
产品尺寸: L90×W90×H36(mm)

包装尺寸: L91×W91×H42(mm)

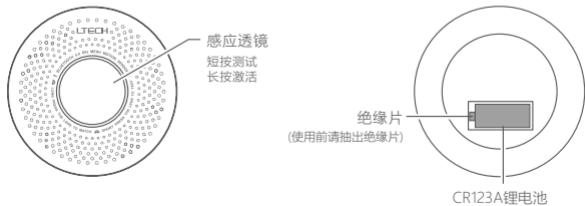
重量(毛重): 115克

# 产品尺寸

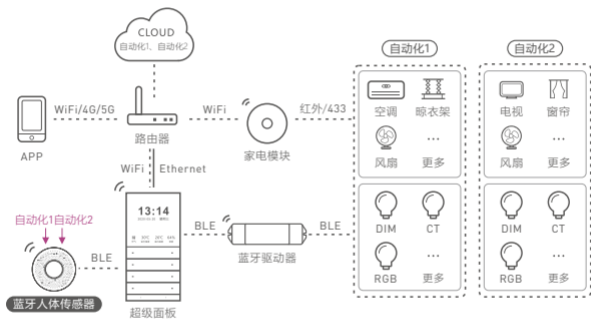
单位: mm



# 功能说明



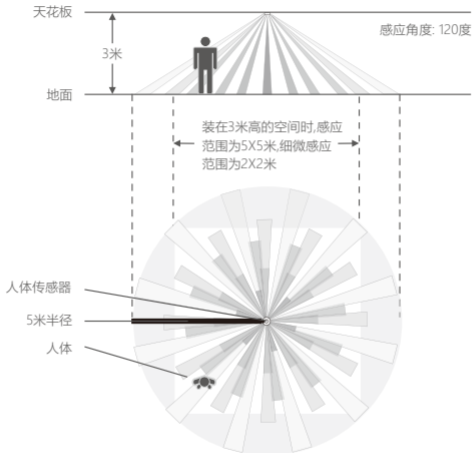
# 应用示意图



云端自动化应用



# 人体传感器的感应角度与范围

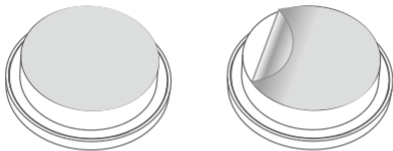


传感器覆盖图 (安装在房间中心的传感器)

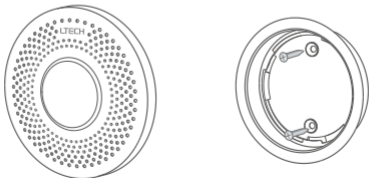
| 天花板高度 | 感应范围     | 最大覆盖面积             |
|-------|----------|--------------------|
| 2.4米  | 4.1×4.1米 | 16.8米 <sup>2</sup> |
| 2.7米  | 4.6×4.6米 | 21.1米 <sup>2</sup> |
| 3.0米  | 5.2×5.2米 | 27.0米 <sup>2</sup> |
| 3.7米  | 6.4×6.4米 | 54.7米 <sup>2</sup> |

## 安装方式 (温馨提示: 请先用APP配对完成后再安装)

方法一: 撕下背胶, 粘于墙上或桌子上。



方法二: 旋转拆开底盖, 用螺丝将底盖固定于墙上或桌子上, 再将传感器合上。



# APP操作说明

## 1. 账号注册

1.1 通过手机扫描下方二维码，按提示完成APP安装。



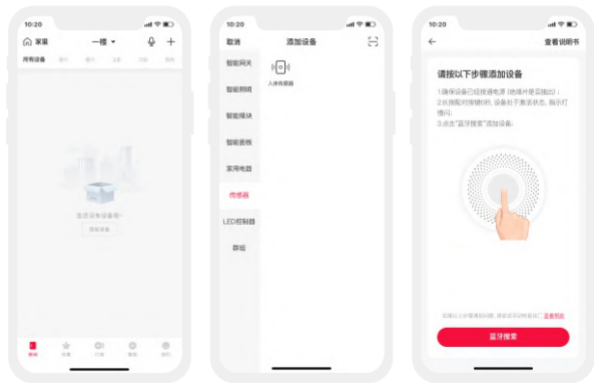
扫码下载APP

1.2 打开APP进行登录/注册操作。



## 2. 配对操作

新用户创建家庭后，点击右上角“+”进入添加设备列表，先将驱动器按照提示添加完成后，在添加设备列表选择“传感器-人体传感器”后，按照界面提示先将绝缘片抽出，长按配对按键6秒，指示灯慢闪，设备处于激活状态，然后点击“蓝牙搜索”后，按照提示完成添加设备。



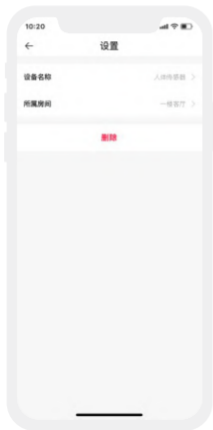
### 3. 自动化功能

本产品可以通过与具有网关功能的设备联动（如超级面板），可实现自动化等高级功能。



## 4. 如何删除设备

进入设置界面，将手机连接蓝牙，并且设备在手机附近；长按人体传感器的配对键6秒激活设备后，点击删除设备即可完成退网。



## 常见问题

### 1. 设备一直搜索不到怎么办？

1.1 确保手机与设备两者尽量靠近；

1.2 请尝试恢复出厂设置后再重试。拆掉电池，等待 20 秒后，按住配对按键不放，装上电池，指示灯快闪烁 5 次，即表示设备已恢复到出厂设置状态。

### 2. 人体传感器如何恢复出厂？

2.1 拆掉电池，等待 20 秒，按住配对按键不放，装上电池，指示灯快闪烁 5 次，即表示设备已恢复到出厂设置状态。

## 注意事项

- 请尽量在空间开阔的环境中使用本产品，请勿将传感器安装在金属表面、高柜子、架子、悬挂装置、吊扇等的后面或附近，且设备周围避免有金属遮挡物。由于传感器无法穿透玻璃物体，请勿将其安装在玻璃物体上，例如露台玻璃门或淋浴间。
- 高温物体和流动的气流会影响传感器的性能，降低传感器检测人体的灵敏度。为确保正常运行，应将传感器安装在距离空气调节系统通风孔和天花板线以下的卤素灯或白炽灯泡至少 1.2 m 的地方。
- 发射射频(RF)能量的设备可能会影响传感器的性能。为确保正常运行，应将传感器安装在距离发射无线电波的设备(例如微波炉，无线路由器)至少 1.2m 的地方。
- 当需安装多个传感器时，请确保传感器与传感器之间的距离大于 0.3m。
- 禁止灼烧，远离热源。
- 不能在潮湿环境中使用。
- 禁止私自拆卸产品，以免影响保修。
- 请勿打开、改动、修理或维护本产品，否则不予保修。

\* 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。如有疑问，欢迎向我司授权的经销商咨询。

# 保修条例

- 自出厂之日起保修服务期为2年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

## 非保修条例:

### 属下列情况不在免费保修或更换服务范围之内:

- 已经超出保修期限的;
  - 过高电压、超负载、操作不当等人为造成的损坏;
  - 产品外形严重损坏或变形;
  - 自然灾害以及人力不可抗拒原因造成的损坏;
  - 产品保修标签和产品唯一条形码损坏。
  - 无雷特签订的合同或发票凭证。
1. 修理或更换是雷特对客户的一补救措施。雷特不承担任何附带引起的损害赔偿任，除非在适用法律范围之内。
  2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。