Lightcloud SENSE-PIR-W-LCB Wireless Occupancy Sensor User Manual

Contents

Lightcloud®

Lightcloud SENSE-PIR-W-LCB Wireless Occupancy Sensor

Wireless Occupancy Sensor

Lightcloud Blue Wireless Occupancy Sensor is a passive infrared motion detector used to switch lights on/off or dim them. It is compatible with all Lightcloud Blue-enabled lighting and easy to configure using the LIghtcloud Blue mobile app.

PART NUMBER: SENSE/PIR/W/LCB**SENSOR COVERAGE:** 20 ft. diameter at 9 ft.

PRODUCT DIMENSIONS: 2.21W x 2.30H x 2.21D

MOUNTING HEIGHT: 8 to 12 ft.

Wireless Range: 60 ft.

BATTERY TYPE: CR2 3V 850mAh

PRODUCT WEIGHT: about 0.16lb (73g)

WORKING HUMIDITY: 95%RH (no condensation)
Indoor

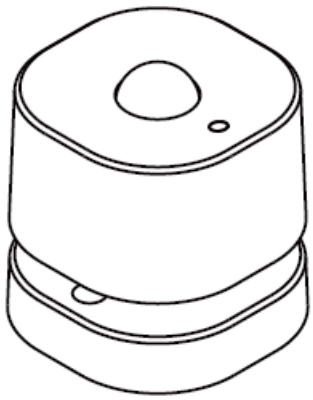
Specifications

- PART NUMBER
  - SENSE/PIR/W/LCB
- SENSOR COVERAGE
  - 20 ft. diameter at 9 ft.
- DETECTION ANGLE
  - 120°~150°(adjustable)
- PRODUCT DIMENSIONS
  - 2.21”W x 2.30”H x 2.21”D
- WORKING HUMIDITY
  - 95%RH (no condensation)

- OPERATING TEMPERATURE
  - 14°F to 122°F (-10°C to 50°C)
- MOUNTING HEIGHT
  - 8 to 12 ft.
- Wireless Range
  - 60 ft.
- BATTERY TYPE
  - CR2 3V 850mAh
- PRODUCT WEIGHT
  - about 0.16lb (73g)
- Environment
  - Indoor

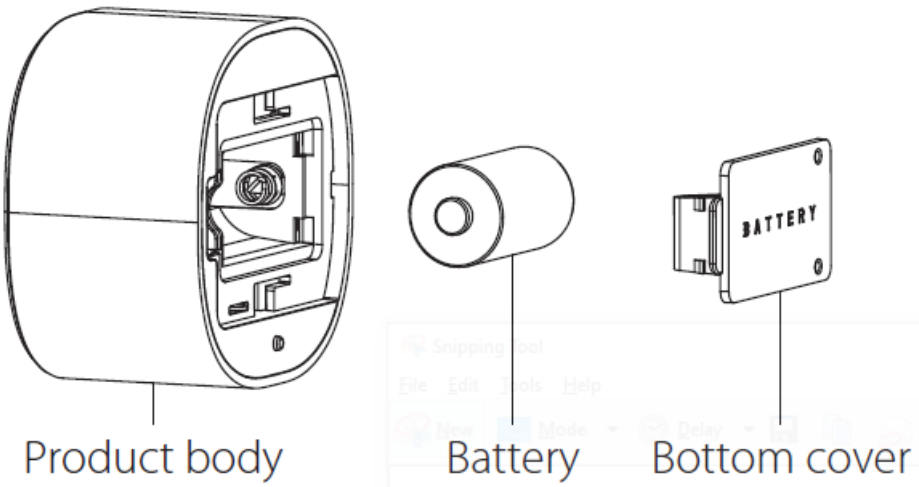
What’s in the Box

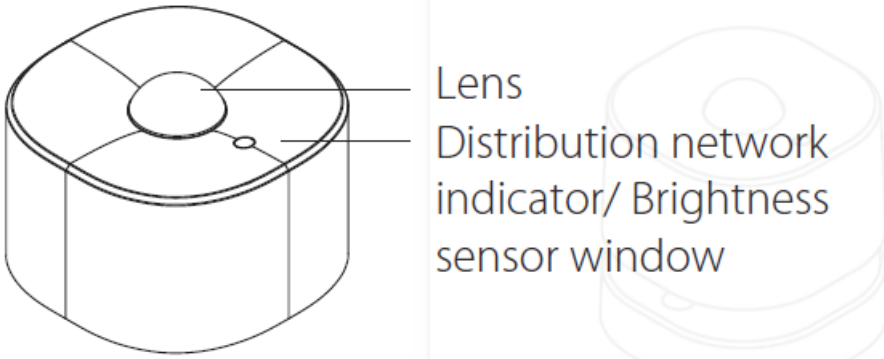
- 1 Wireless Occupancy Sensor with battery
- 3 Screw sets
- 1 Base adhesive
- 1 installation guide

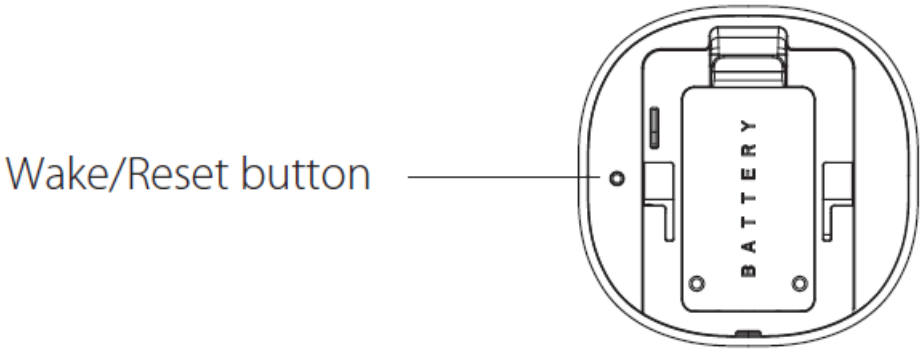


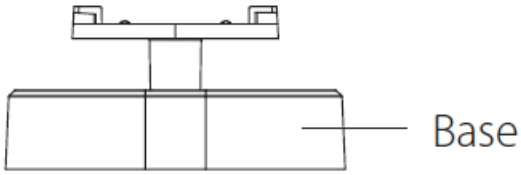
Function

The Lightcloud Blue Wireless Occupancy Sensor can detect the movement of people or animals in a given area and activate Lightcloud Blue-enabled lighting when motion is detected.







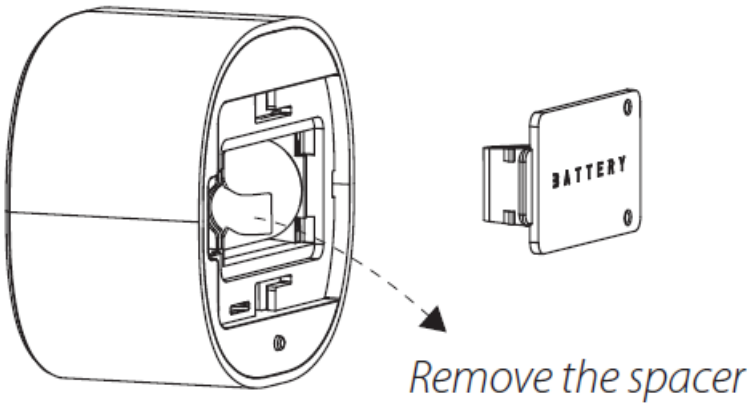


Installation Environment

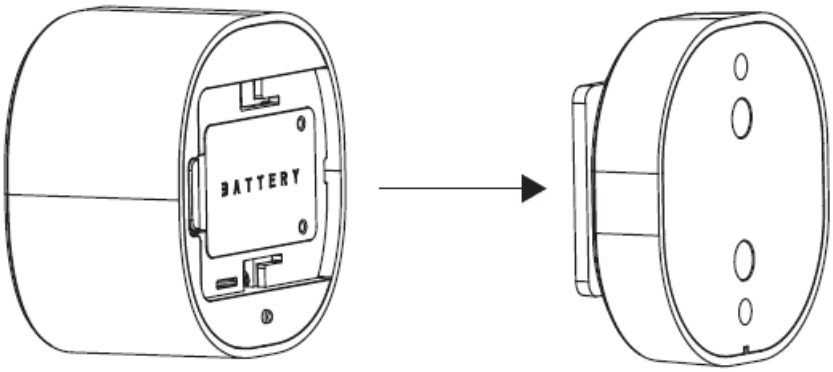
1. This product is only suitable for indoor use. Outdoor installation is prohibited.
2. Do not install near areas with strong airflows such as fans, air conditioners, etc. otherwise the repeated air disturbance will cause false motion detection.
3. Do not install near heat sources such as direct sunlight, heaters, stoves, etc.
4. Do not place large obstacles such as screens, furniture, large plants, etc inside the detection range.

Installation Instructions

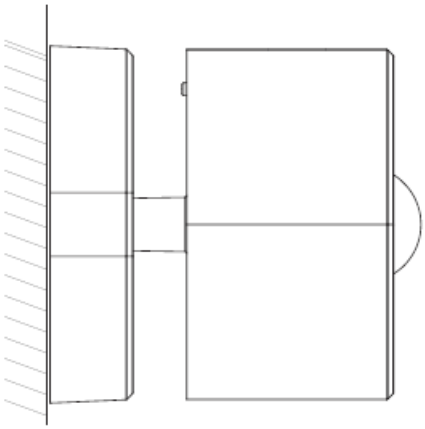
1. Access the battery compartment and remove the spacer.



2. Attach the base: Snap it onto the product body by aligning the connection points and clicking into a locked position.

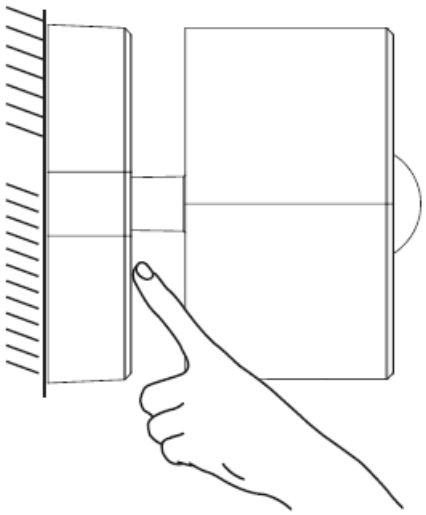


3. Mount to a wall using the enclosed adhesive and/or screws.



1. If Using Adhesive: Select a smooth, clean surface free of rust, oil, dust, etc.
2. Remove red film from the adhesive and affix to the surface of the Sensor base. Apply even pressure to ensure proper contact is made across the entire surface of the base.
3. Remove the red adhesive film and mount the sensor in the desired location. Apply even pressure when

mounting to ensure proper contact is made across the surface of the base and mounting surface.



Note:

It can take up to 72 hours for adhesive to reach maximum strength. During this time, do not touch the Sensor or surrounding area. For best results, ambient temperature should be above 50°F (10°C).

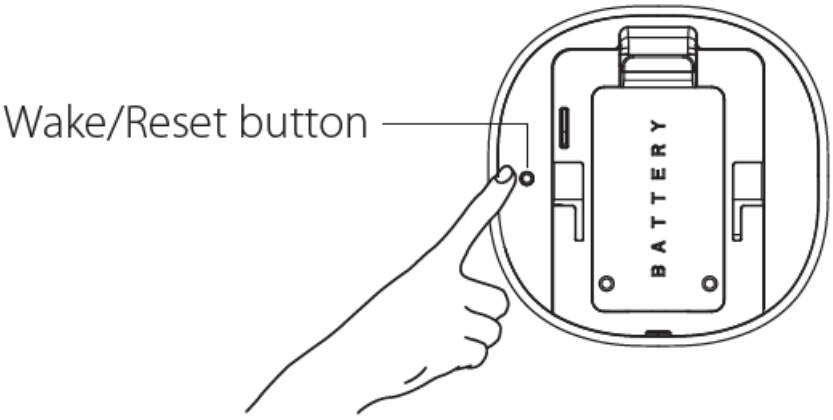
Quick Setup

1. Launch the App and login or create an account.

Download on the App Store GET IT ON Google Play

2. Wake up the sensor: Press and release the Wake/Reset button once (the blue indicator light on the front of the sensor will begin flashing).

3. Add the sensor to your app by selecting the Devices tab and, within 30 seconds of waking the sensor, tap Add Devices to pair the sensor. Once paired, the sensor will appear in the Devices tab.



4. Open the sensor device settings in the app by tapping on the sensor card.
5. When prompted in the app, wake up the sensor.
6. Select Move to Area and move the sensor into the desired Area (the sensor must be moved into the same Area as the lights you want to control).

7. Under Areas, tap on the Area with the sensor. In the Behaviors section there will be a section labeled Sensor Settings. Select Occupancy or Vacancy to enable the sensor for the Area and configure sensitivity levels, timeouts and actions.

Note:
Multiple sensors in an Area will act in unison unless the sensor is set to 'Independent Sensing' in the device settings.

The sensor settings will take priority over Schedules or SmartShift. To use a sensor with SmartShift, the "When Occupied" sensor setting should be set to "On" and SmartShift "Automatic Dimming" should be enabled.

The Lightcloud Blue Wireless Occupancy Sensor is a passive infrared motion detector that can detect the movement of people or animals in a given area and activate Lightcloud Blue-enabled lighting when motion is detected. The sensor has a coverage area of 20ft in diameter at 9ft height, and has a wireless range of 60ft. It is compatible with all Lightcloud Blue-enabled lighting and is easy to configure using the Lightcloud Blue mobile app. The sensor is powered by a CR2 3V 850mAh battery and weighs about 0.16lb (73g).

The installation environment for the sensor should be indoors and free from strong airflows, heat sources, and large obstacles inside the detection range. The package includes one Wireless Occupancy Sensor with battery, three screw sets, one base adhesive, and one installation guide.

To install the sensor, access the battery compartment, remove the spacer, snap on the base to the product body, and mount it to a wall using the enclosed adhesive and/or screws. To set up the sensor, launch the app and login or create an account. Wake up the sensor by pressing and releasing the Wake/Reset button once. Add the sensor to your app by selecting the Devices tab and tapping Add Devices within 30 seconds of waking the sensor. Once paired, open the sensor device settings in the app and move the sensor into the desired Area. Under Areas, tap on the Area with the sensor and select Occupancy or Vacancy to enable the sensor for the Area and configure sensitivity levels, timeouts, and actions.

Reset

Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the sensor is awake and select "Delete".

Method 2: Manual
Press the Wake/Reset button for more than 5 seconds until the indicator light on the front of the sensor flashes blue.

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach. Learn more at **www.rablighting.com**

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WE'RE HERE TO HELP:

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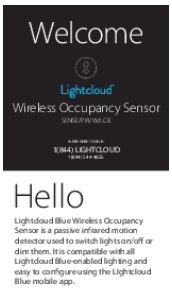
Documents / Resources

	Lightcloud SENSE-PIR-W-LCB Wireless Occupancy Sensor [pdf] User Manual SENSE-PIR-W-LCB Wireless Occupancy Sensor, SENSE-PIR-W-LCB, Wireless Occupancy Sensor, Occupancy Sensor, Sensor

References

- RAB VIRTUAL PATENT MARKING PAGE
- Welcome to RAB