

Surmountor PIR006A Motion Sensor Instructions

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Surmountor PIR006A Motion Sensor



Product Usage Instructions

Installation Steps

1. Recessed Mounting:

- Drill a hole of 14mm in a wooden plate.
- Insert the sensor into the hole in the wooden plate.
- Connect power and LED lights.
- The lighting fixture can automatically turn on when any part of the human body is approaching within 2 meters from the sensor.

2. Surface Mounting:

- Assemble the sensor and clip.
- Place the sensor in the selected position.
- Connect power and LED lights.
- Tighten the screws.
- The lighting fixture can automatically turn on when any part of the human body is approaching within 2 meters from the sensor.

Note: The function/program can be customized based on different needs, such as a longer time for stay on, etc.

FAQ

Q: How can I adjust the detection range of the PIR sensor?

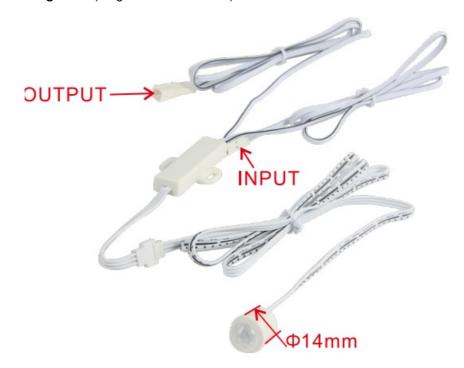
A: The detection range is fixed at 2 meters and cannot be adjusted manually.

Q: Can the sensor be used outdoors?

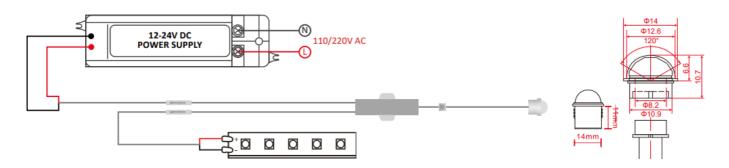
A: It is recommended to use the sensor indoors as it may not perform optimally in outdoor conditions.

Functions

- Model PIR006A
- Operation Automatically ON/OFF
- Input Voltage 12V-24V DC
- Output Voltage 12V-24V DC
- Input Current 4A
- **Detection Range** ≤2m
- Load around 48W for 12V, and 96W for 24V
- Sensor detector cable length 1m (length can be ordered)
- Input/output cable length 1m (length can be ordered)



Connection Diagram



Operations

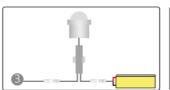
- PIR sensor switch PIR006A is connected to lighting fixtures, so the LED lighting fixture can be turned on automatically when any part of the human body is approaching within 2 meters from the sensor.
- The lighting fixture equipped with this PIR sensor will stay on if the human body stays within 2 meters of the sensor.
- It will turn off the LED light in 40 seconds after the human body moves away more than 2 meters.

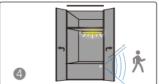
Installation Steps

1. recessed mounting



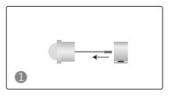




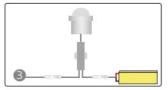


- 1. Drill a hole of 14mm in a wooden plate.
- 2. Insert the sensor into the hole in the wooden plate.
- 3. Connect power and LED lights.
- 4. The lighting fixture can automatically turn on when any part of the human body is approaching within 2 meters from the sensor.

2. surface mounting









- 1. Assembling the Sensor and Clip
- 2. Place the sensor in the selected position Then tighten the screws
- 3. Connect power and LED lights.
- 4. The lighting fixture can automatically turn on when any part of the human body is approaching within 2 meters from the sensor.

Note: The function/program can be customized, and made upon different needs, such as longer time for stay on, etc.

Documents / Resources



<u>Surmountor PIR006A Motion Sensor</u> [pdf] Instructions PIR006A Motion Sensor, PIR006A, Motion Sensor, Sensor

References

User Manual

Manuals+, Privacy Policy

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