

Surmountor Lighting Co., Ltd

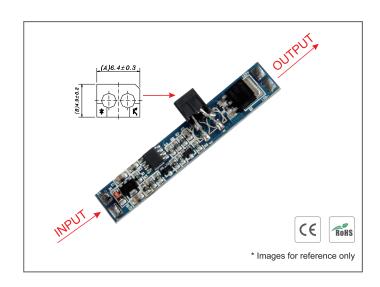
- Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.
- **t** Tel: +86-0755-2792 6119 / 2792 6326
- Email: sales@surmountor.com

Door Sensor IR007(Internal)

Functions:

- Automatically switch ON/OFF when open/close the door.
- Input Voltage: 12V-24VDC.
- Output Voltage: 12V-24VDC.
- Input Current: 8A.
- 0.5cm≤Detection Range≤10cm.
- · Load around 96W for 12V, and 192W for 24V.
- Dimension: 55*10mm.

V+ --- DC input positive
V- --- DC input negative
LED+ --- Output to LED Strip positive
LED- --- Output to LED Strip negative



Operations:

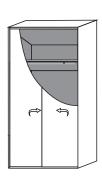
- The LED lamp connects to the output end.
- The IR sensor switch will turn on the LED light when the door is open and will turn off the LED light when the door is closed.
- Detection range is 10cm from the sensor detector to the door.
- The sensor switch will turn on or off the LED light with above repeatable steps.

Installation Steps:

- Step 1: Cut a hole in size L7*H5mm on the side of aluminum profile.
- Step 2: Put the detector head to the hole.
- Step 3: Connect wires to the input end and output end of the conctrol PCB.







Noted: IR detector head should face to the door.

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Assessor:

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Approver: 3/8

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