

Surmountor Lighting Co., Ltd

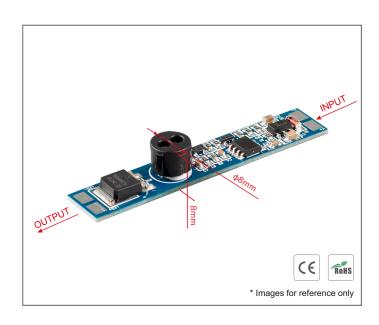
- Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.
- **** Tel: +86-0755-2792 6119 / 2792 6326
- Email: sales@surmountor.com

Door Sensor IR013(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



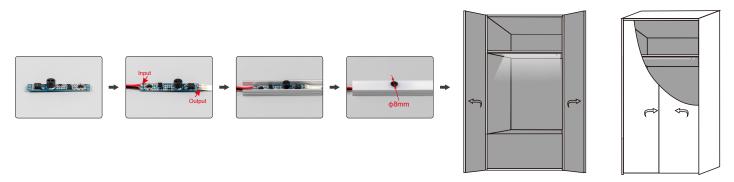
Operations:

- The LED lamp connects to the output end.
- The IR sensor switch will turn on the LED light when open the door and will turn off the LED light when close the door.
- 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:

The two IR diodes head should be put out of PC cover as the picture below:

- Step 1: Drill a hole with a diameter of 8mm in PC cover.
- Step 2: Place the detector head into the hole with a diameter of 8mm.
- Step 3: Connect wires to the input end and output end of the conctrol PCB.



Lister: 概备

Assessor:

\$10 longs

Approver: 3/5

< 1/1 > REV:A0