INTERNAL IR HAND SENSOR SWITCH 12/24V 96/192W 8A
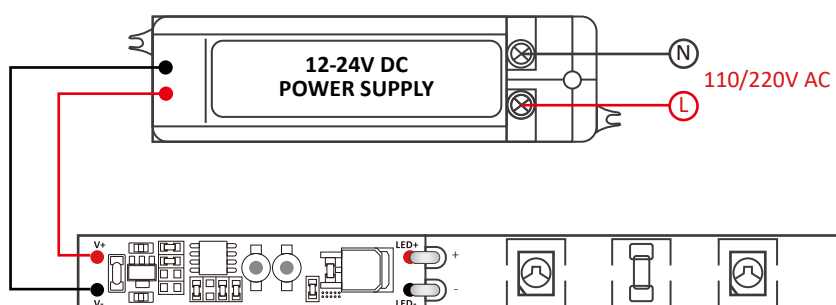
SKU: AB010803-002

50 mm

10 mm
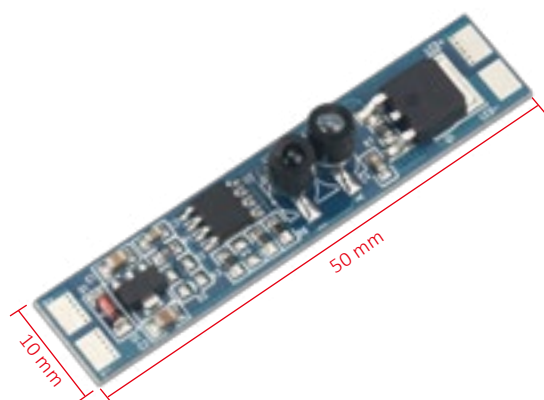
Functions

Model	EIR001
Operation	Automatically switch ON/OFF when the hand pass over
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	8A
Detection Range	0.5cm≤Length≤10cm
Load Around	96W for 12V, and 192W for 24V

Connection Diagram

12-24V DC POWER SUPPLY

N

110/220V AC

L

V+

LED+

LED-

V-
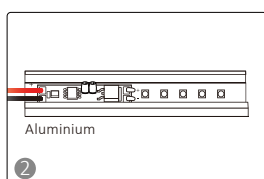
Operations

- The LED lamp connects to the output end.

- The IR sensor switch will turn on the LED light when the hand pass over and will turn off the LED light when the hand pass again.

- Detection range is 10cm from the sensor detector to the hand.

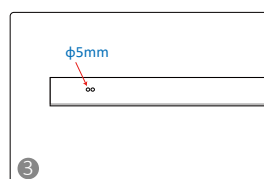- The sensor switch will turn on or off the LED light with above repeatable steps.
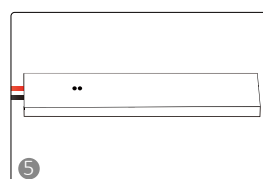
Installation Steps

Input
DC 12V-24V

Output
DC 12V-24V (max. 8A)

❶

Aluminium

❷

φ5mm

❸

❺

0.5cm≤Detection Range≤10cm

❺
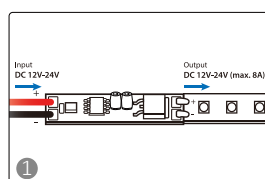
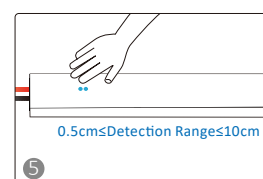Connect wires to the input end and connect LED strip to the output end

Install the sensor into the aluminum with double sided adhesive tape

Drill 2 holes with a diameter of 5mm in PC cover.

Click the PC cover to the aluminium

Working Status