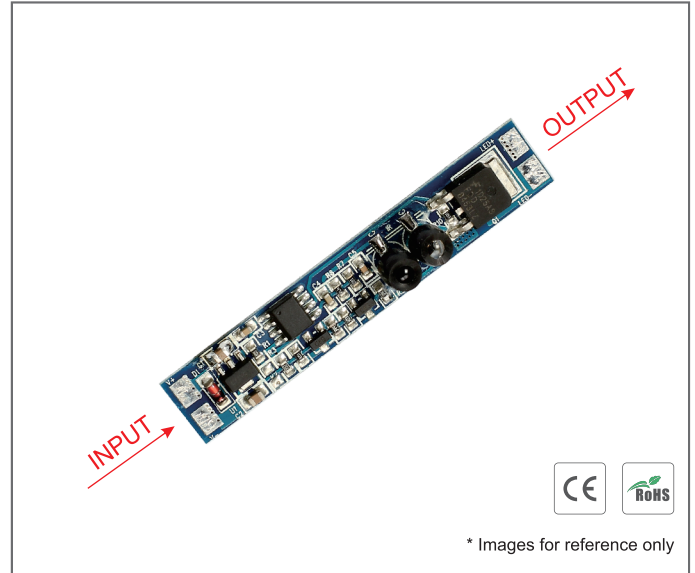


# Hand Sensor IR001(Internal)

## Functions:

- Automatically switch ON/OFF when the hand pass over.
- 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 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:

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

- Step 1: Drill 2 holes with a diameter of 5mm in PC cover.
- Step 2: Place the detector heads into the holes with a diameter of 5mm.
- Step 3: Connect wires to the input end and output end of the control PCB.

