| Product Name | Z-Wave Smart Gateway |
|---|---|
| Product SKU | GAOTek-Z-Wave-106 |
| Product URL | https://gaotek.com/product/gaotek-z-wave-smart-gateway/ |

**Contact us: sales@gaotek.com**

## Table of Contents

## Functions

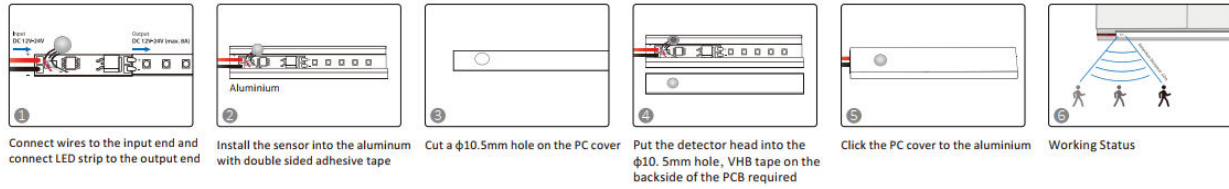| Model | PIR001 |
|---|---|
| Operation | Automatically ON/OFF |
| Input Voltage | 12V–24V DC |
| Output Voltage | 12V–24V DC |
| Input Current | Max. 8A |
| Delay Time | About 40 seconds |
| Load Around | 96W for 12V, and 192W for 24V |
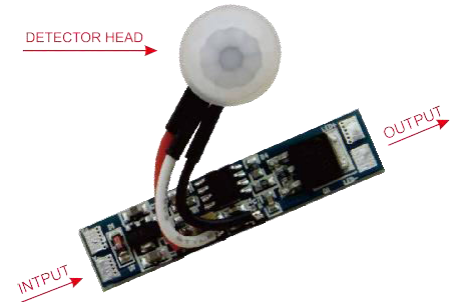


## Connection Diagram
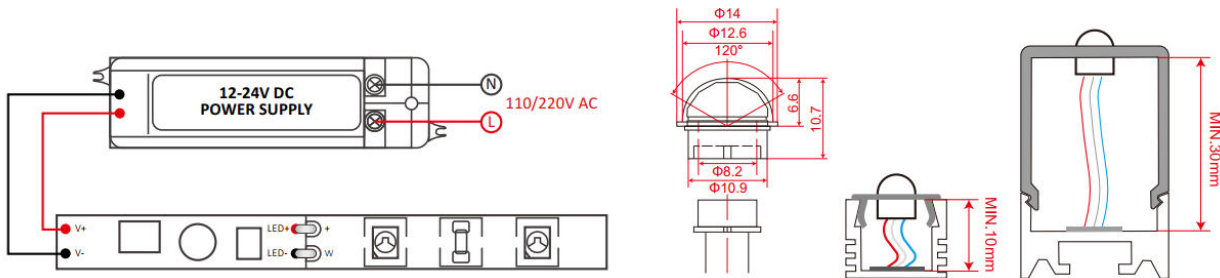


## Operation

- PIR sensor switch PIR001 can be assembled into lighting fixtures, so the lighting fixture can automatically turn on when any part of 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 from the sensor.

- It will turn off in 40 seconds after human body move away more than 2 meters.

① Connect wires to the input end and connect LED strip to the output end
② Install the sensor into the aluminum with double sided adhesive tape
③ Cut a φ10.5mm hole on the PC cover
④ Put the detector head into the φ10. 5mm hole, VHB tape on the backside of the PCB required
⑤ Click the PC cover to the aluminium
⑥ Working Status

## Installation Setup

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

Notices

1. Avoid being exposed to sunlight, auto bulb and incandescent lamp, neither to heat source (such as radiator and heater), or air conditioner, in case of faulty detection caused by ambient temperature change.
2. Sensor switches must be firmly installed, in case of faulty detection from wind shaking.
3. Don't touch the surface of detector.
4. Regularly clean the optical lens surface with wet soft cloth or cotton, in case of dust influence the sensitivity.

## Recommended profile

| Model | Color | Size | Length | Drawing | Photo | intallation |
|-------|-------|------|--------|---------|-------|-------------|
| A161 | Aluminu | 16*1 | 1– | | | Corner |
| A171 | Whit | 17.4*15 | 1– | | | Surface |

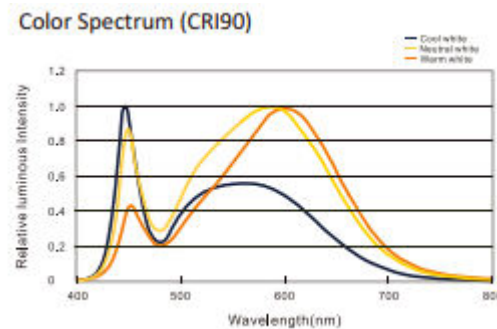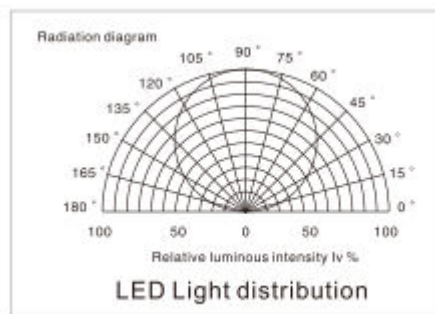| C191 | Black | 18.5*18 | 1– | | | Corner |
|------|-------|---------|-----|---|---|--------|

## Recommended Strips/Optional

- Available in 12/24V DC maximum
- CRI80 & CRI90 LED Strip are available



- Working temperature: -20°C to +50°C
- Very bright & low power consumption
- Long life span LED lights, more than 50,000 hours
- Adhesive back, peel & stick
- IP20, IP65, IP67 are available

## Electronic & Output Data

*SMD2835, 60 LEDS/m*

| Size (mm) | Color | CRI | Photo | LED Qty/m | Lumen/m | Voltage (V) | Power (W/m) | Packing (m/reel) |
|---|---|---|---|---|---|---|---|---|
| L5000*W8*H1.5 | WW ▢<br>NW ▢<br>CW ▢ | 90+ | | 60 | 1000<br>1100<br>1200 | 12/24V | 14.4 | 5 |

*SMD2835, 120 LEDS/m*

| Size (mm) | Color | CRI | Photo | LED Qty/m | Lumen/m | Voltage (V) | Power (W/m) | Packing (m/reel) |
|---|---|---|---|---|---|---|---|---|
| L5000*W10*H1.5 | WW ▢<br>NW ▢<br>CW ▢ | 90+ | | 120 | 1300<br>1400<br>1500 | 12/24V | 14.4 | 5 |

*SMD2110, 280 LEDS/m*

| Size (mm) | Color | CRI | Photo | LED Qty/m | Lumen/m | Voltage (V) | Power (W/m) | Packing (m/reel) |
|---|---|---|---|---|---|---|---|---|
| L5000*W10*H1.5 | WW ▢<br>NW ▢<br>CW ▢ | 90+ | | 280 | 1420<br>1460<br>1510 | 24V | 19.2 | 5 |