

Product Specification

**Human Induction
Controller panel
Model: PIR-WL-8A-W**

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Summary

This human body induction switch is an infrared detection controller. Upon detect body motion it will switch on 12V to 24V power. It will remain powered for 10 seconds after no motion is detected anymore.



Technical parameters

- Working temperature: -20-60 °C
- Supply voltage: 12V – 24V
- Input: 1 channel 12V – 24V
- Power off delay: 10 seconds
- Output: 1 channel 12V – 24V
- Detection distance: 5~8 M
- Detection angle: 60 degree
- Dimension: L86XW86XH26 mm
- Weight: 60g
- Static power consumption: <1W
- Output current: <8A
- Output power: 12V:< 96W, 24V:<192 W

Installation Guide

1. turn off the input power source
2. Connect the (black / V-) wire of your light source to the **right V-** screw clamp.
3. Connect the (black / V-) wire of your power source (adapter) to the **left V-** screw clamp.
4. Connect the (red / **V+**) wires of both the light and the adapter as a pair on the **middle connection screw clamp**.

Make sure the adapter power source **black V-** side is for sure connected on the **V- INPUT** side, the other way around will defect your PIR immediately.

5. Plug in the power source /adapter.



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Remove the clip-on front cover with a thin screwdriver by opening up one by one, the four plastic clips positioned near the corners of the backside.
Fix the switch body to the wall with at least 2 screws and re-install the clip-on cover.

Detection

The PIR sensor will detect human body motion in a range of 5 to 8 meters, depending on environmental and temperature conditions. The detection angle is 60 degrees. After detection of movement, the switch will power on and the light source will remain powered as long as continuous movement is detected. When there is no body movement detected anymore, the switch will turn the output power off after 10 seconds.

Typical Application

