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# **Pyroelectric Infrared PIR Motion Sensor Detector Module User's Guide**

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## **Pyroelectric Infrared PIR Motion Sensor Detector Module**

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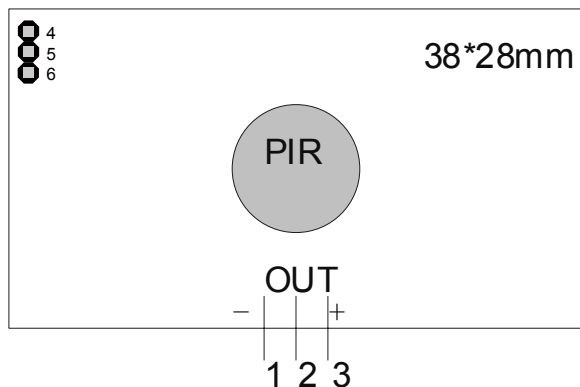
### **NOTES:**

**Product Version : Ver 1.0**

**Document Version : Ver 1.0**

## Chapter1.Overview

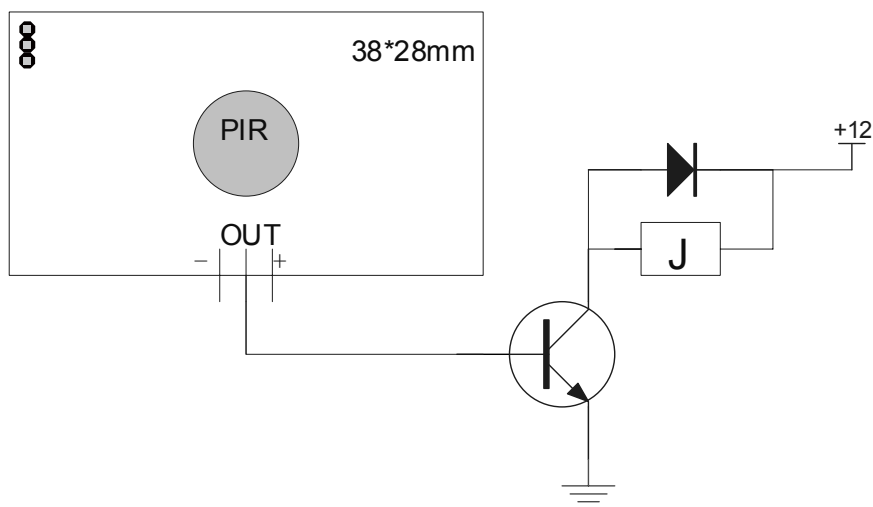
### Module's External Connection schematic



- 1.Power In, Negative-
- 2.OUT, Signal Output
- 3.Power In, Positive+

4-5	H, recurring trigger port
5-6	L non-recurring trigger port

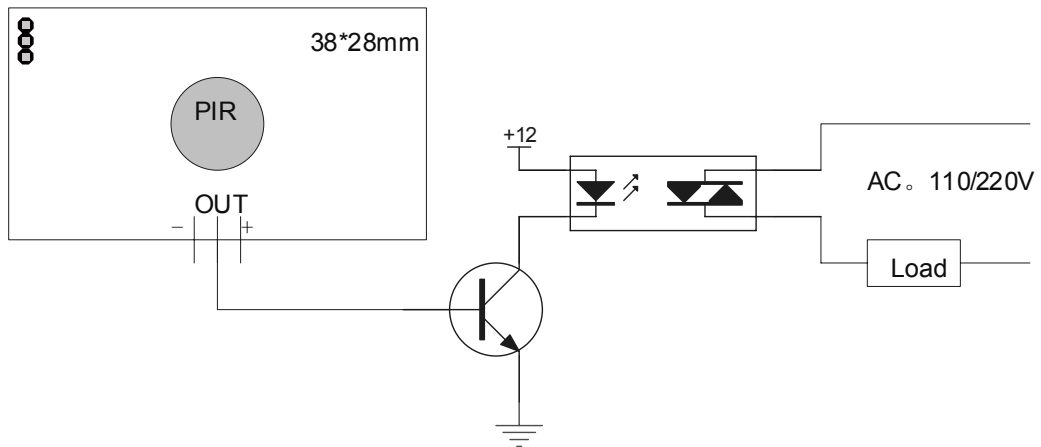
### DC load circuit schematic



## Overview

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### AC load circuit schematic



### Main Technical Specifications

1. Power Voltage: DC4.5-20V
2. Quiescent current: 50 $\mu$ A
3. Level output: High, 3V
4. Level output: Low, 0V
5. Level Holding Time: 3seconds
6. Trigger method: L nonrecurring trigger; H recurring trigger
7. Sensing angle: 110°
8. Sensing distance: 7m

This module outputs signal for two times after initial powering and enters into normal testing process following a 2-minutes delay. The level holding time is 3 seconds and the interval is 5 seconds. A photosensitive resistor could prevent the module from being triggered in daylight. The factory preset of this module is nonrecurring trigger and this module will be triggered when human proximity is detected.

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## **Chapter2.Contact Us**

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