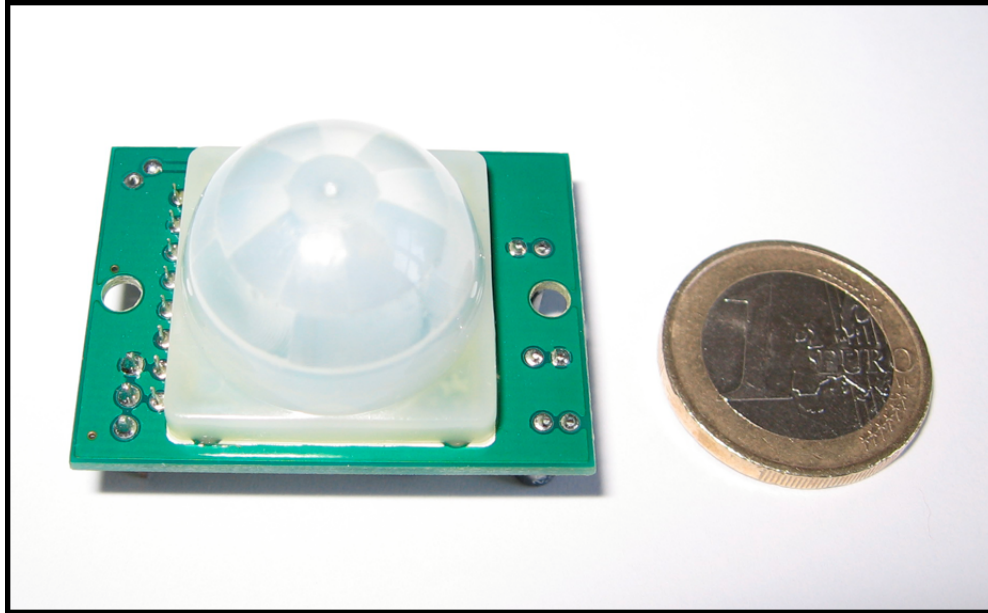


Pyroelectric Infrared PIR Motion Sensor Detector Module

Dimensions : 38(mm) × 28(mm)

Weight : 55g /1.9oz



Specifications:

infrared sensor with control circuit boards

Detector range: 7m

Detector angle: 110°

Power Voltage: 4.5 -- 20V DC

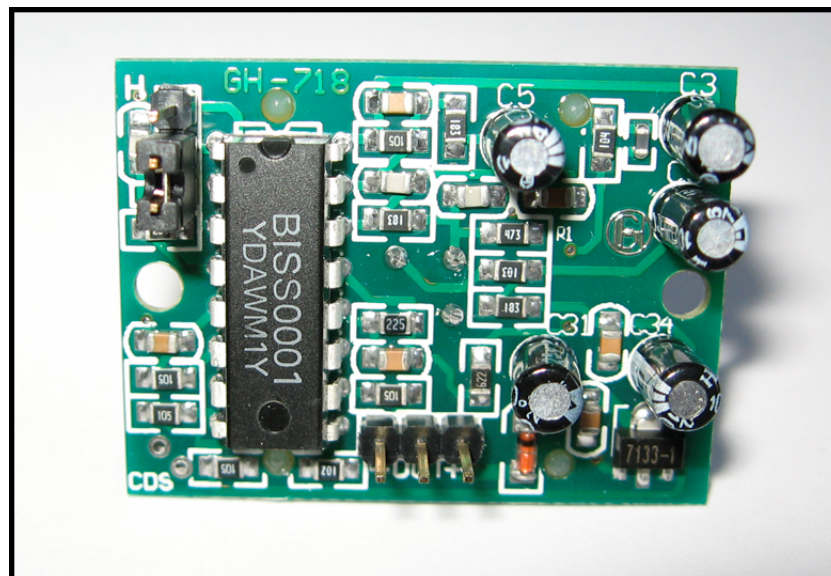
Level Output: high 3V low 0V

Level Holding Time: 3 seconds

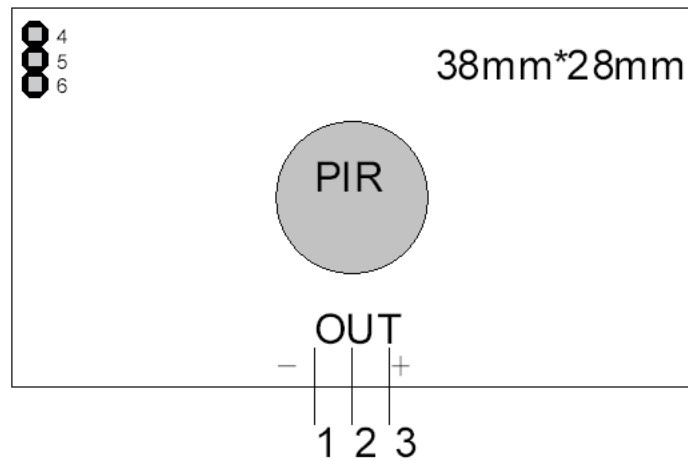
Trigger method: L unrepeatable trigger; H repeatable trigger

Output: High and Low voltage output

Quiescent current: 50uA



Module's External Connection schematic

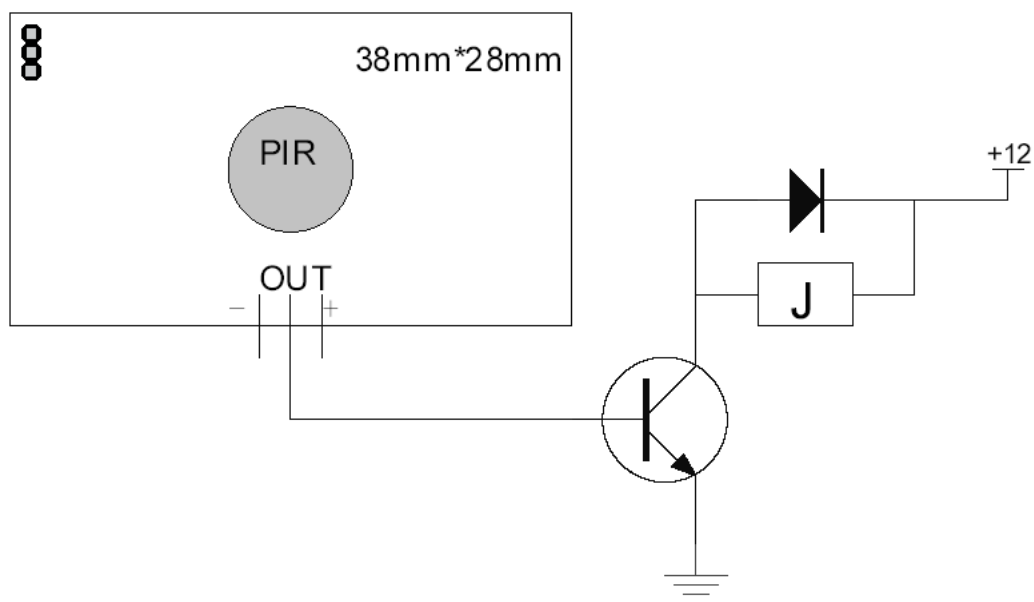


- 1.Power In, Negative-
- 2.OUT, Signal Output
- 3.Power In, Positive+

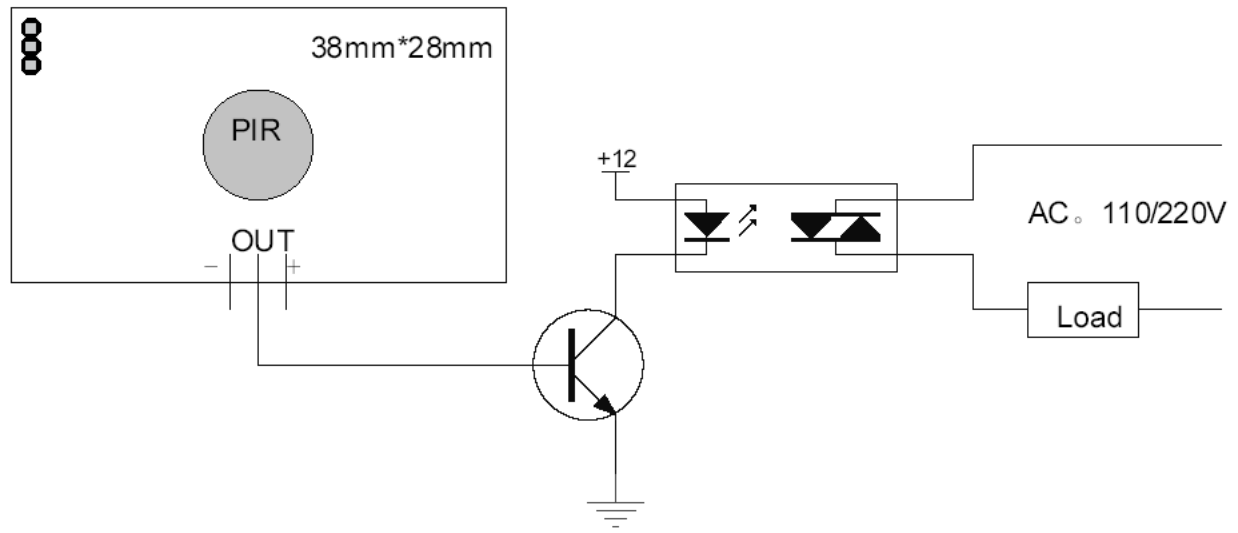
Configuration Jumper Block

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

DC load circuit schematic



AC load circuit schematic



Main Technical Specifications

1. Power Voltage: DC4.5-20V
2. Quiescent current: 50 μ 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.