

PIR MOVEMENT SENSOR BOARD



Weight 8 g

DESCRIPTION

A PIR (passive infrared) motion sensor is a device that detects physical movement within its field of vision by sensing changes in infrared radiation. This sensor works on the principle of detecting thermal signals emitted by objects, mainly warm-blooded creatures like humans. The "passive" in the name refers to the fact that the sensor itself does not emit or radiate any energy for detection.

Easily connects to Dasduino/Arduino via digital pin. When it detects movement, it sets the output digital pin to HIGH. The angle that the sensor "sees" is 100 degrees and reaches up to 5 meters. It has a potentiometer for delay (how often to check for movement).

It is often used in a variety of applications, including home security systems, automatic lighting, and energy management, among others.

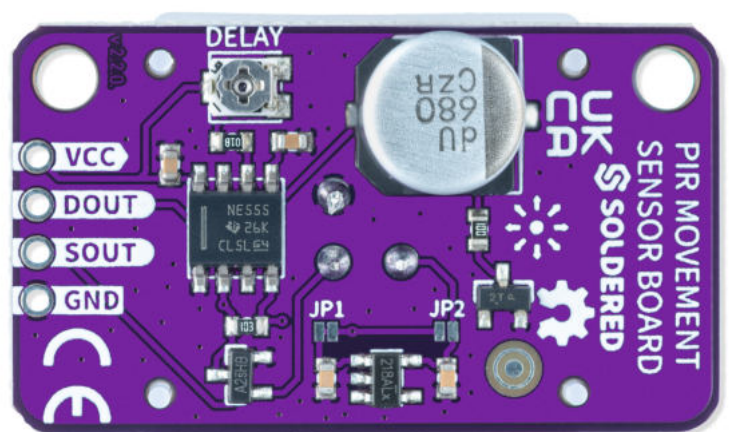
FEATURES

- Voltage: 2.7-12V
- Delay: 2s
- Sensing range: angle up to 100 degrees, 3-5 meters
- Dimensions: 38 x 22 mm / 1.5 x 0.9 inch

USEFUL LINKS

- [Datasheet](#)

OTHER IMAGES



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8 g

