

PIR Motion Sensor (SE062)



1 Introduction

PIR sensors allow you to sense motion, almost always used to detect whether a human has moved in or out of the sensors range. They are small, inexpensive, low-power, easy to use and don't wear out. For that reason they are commonly found in appliances and gadgets used in homes or businesses. They are often referred to as PIR, "Passive Infrared", "Pyroelectric", or "IR motion" sensors.

Specification

- Operation voltage: 5V
- 3Pin
- Size:35*20mm
- Weight: 8g

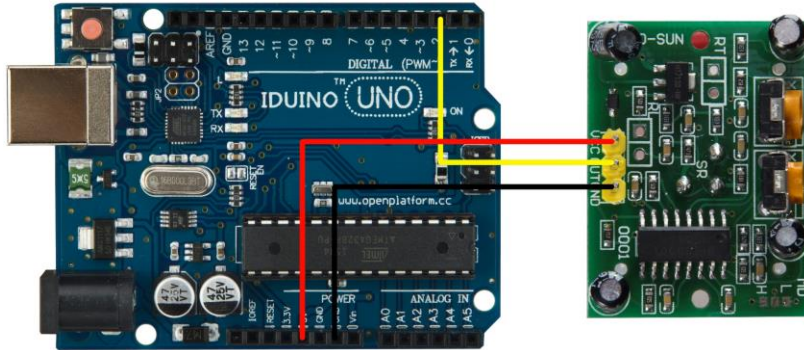
2 Pinout

Pin	Description
OUT	If the sensor detect a moving object, this pin output low or high level signal
Vcc	Power
Gnd	Ground

3.Example

In this example, if this module sense someone moving into it's area, the LED13 will be turn on.

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*****Code Begin*****

```
const int PIRSensor = 2;
const int ledPin = 13;
int sensorValue = 0;
void setup() {
  pinMode(PIRSensor, INPUT);
  pinMode(ledPin, OUTPUT);
}

void loop(){
  sensorValue = digitalRead(PIRSensor);

  if (sensorValue == HIGH) {
    digitalWrite(ledPin, HIGH);
  }
  else {
    digitalWrite(ledPin, LOW);  }
}
```

*****Code End*****