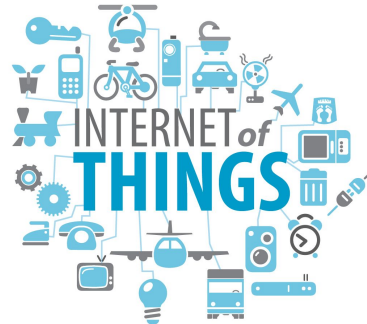


INTERNET OF THINGS

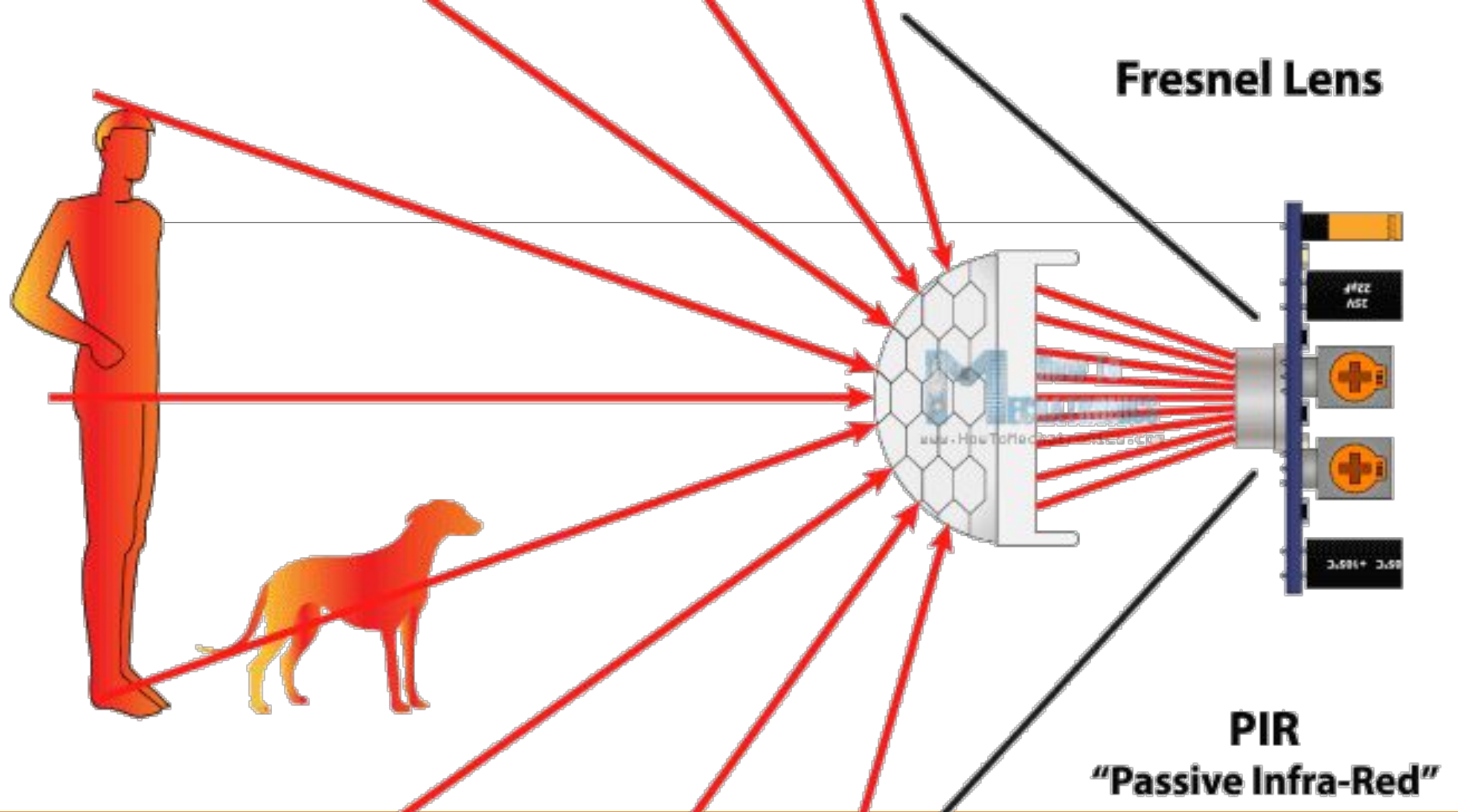
1.8

PIR MOTION SENSOR

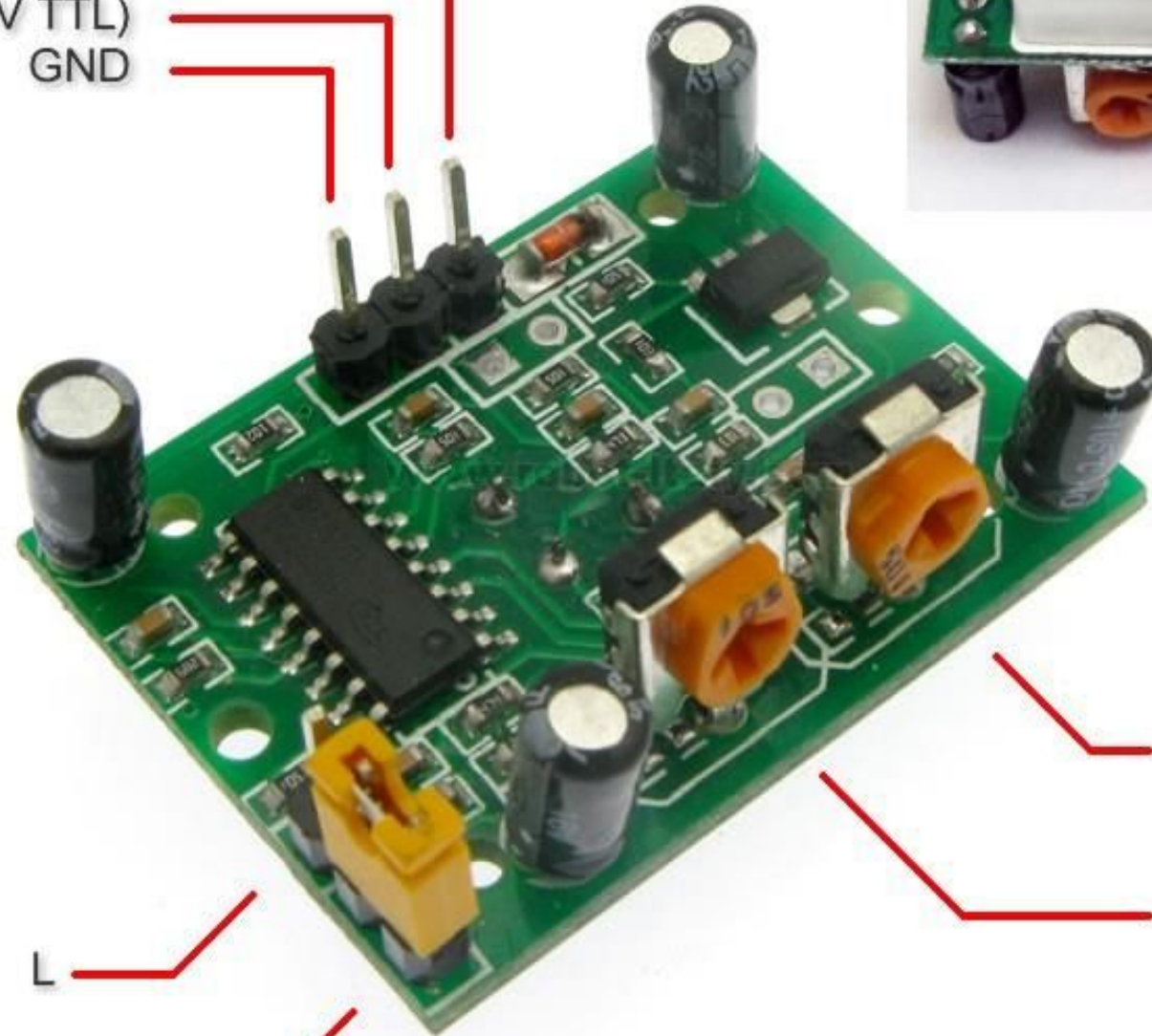


PIR MOTION SENSOR HC-SR501





VCC 5-12VDC
OUT (3.3V TTL)
GND



Delay Time Adjust

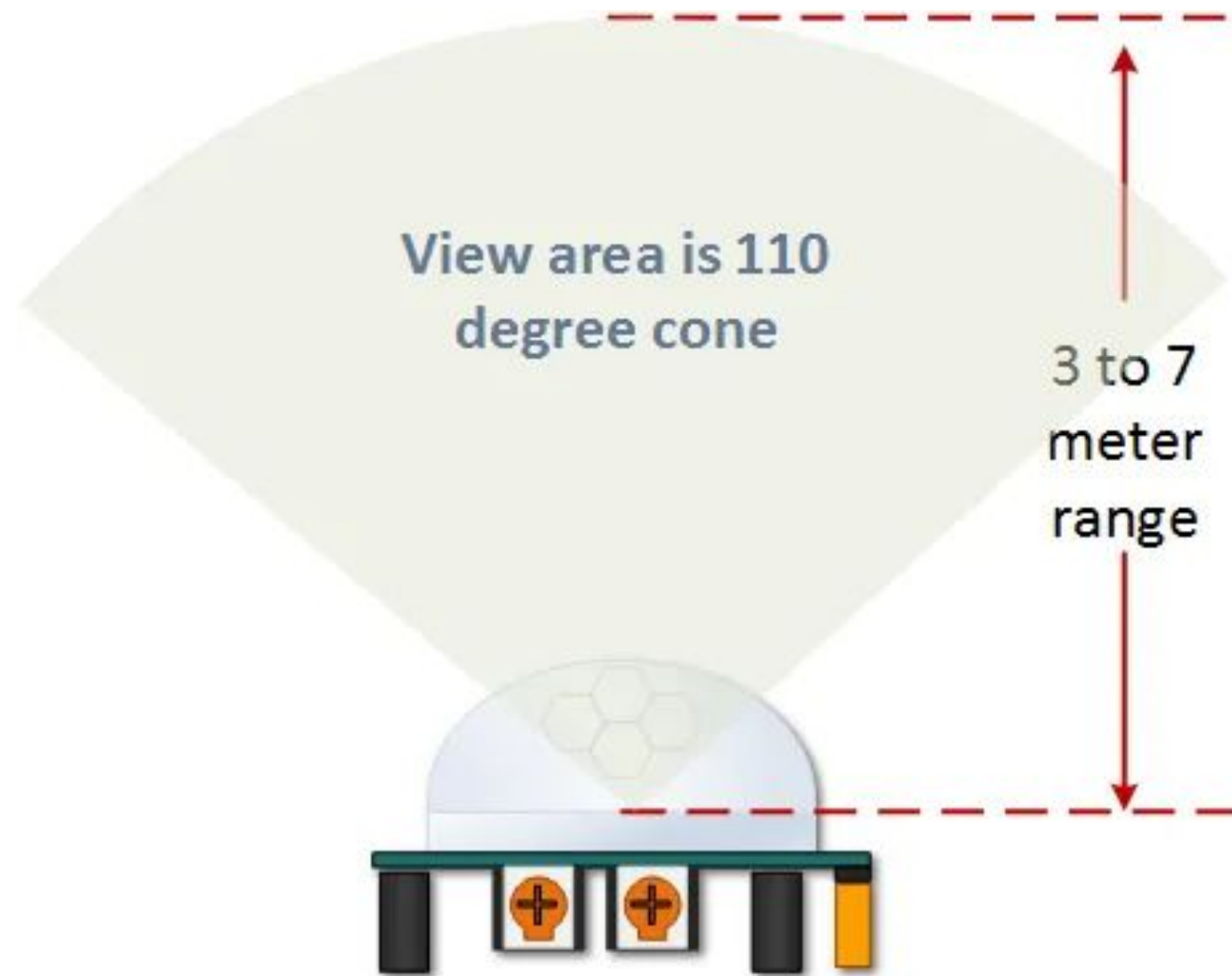
Distance Adjust



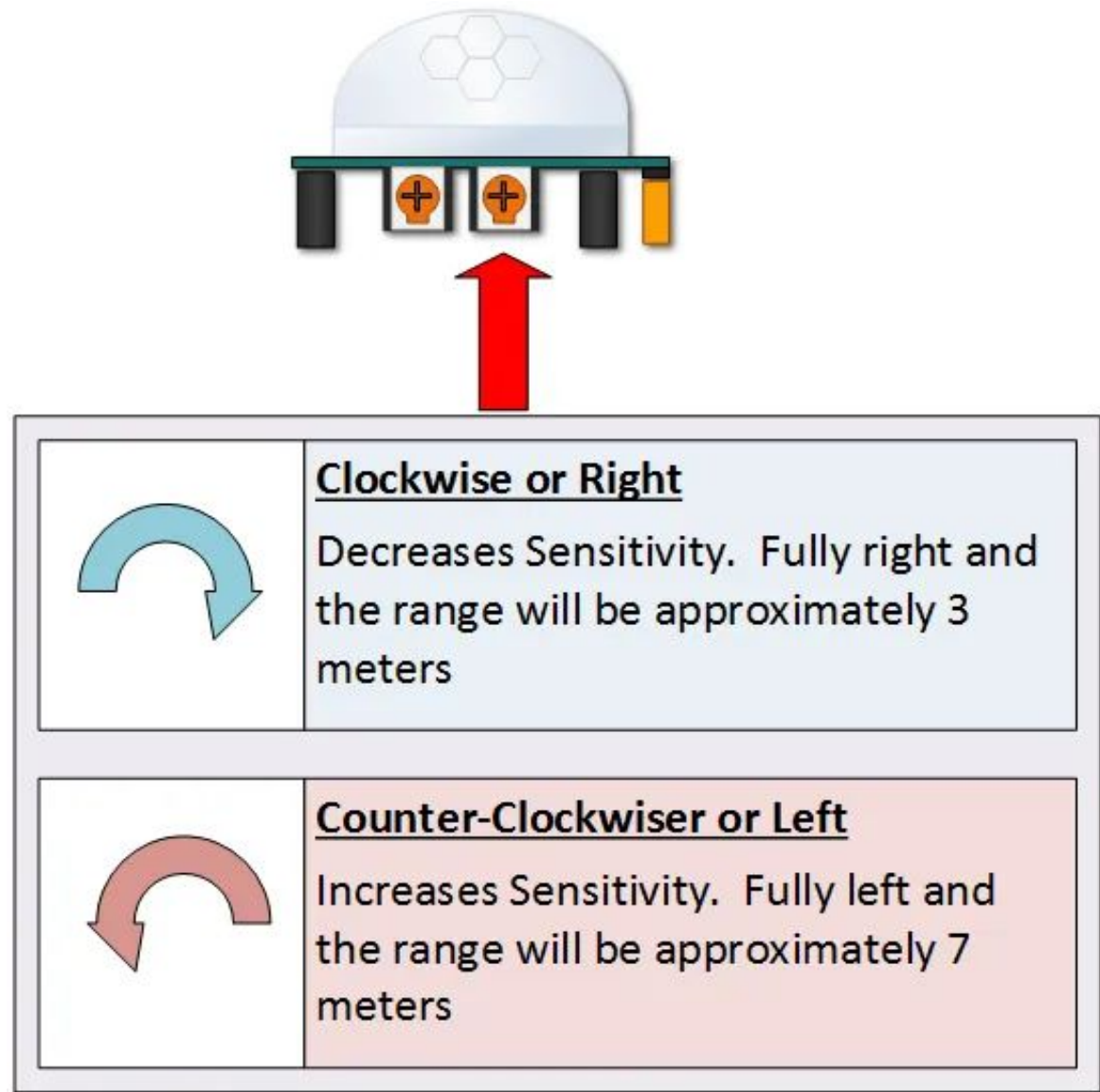
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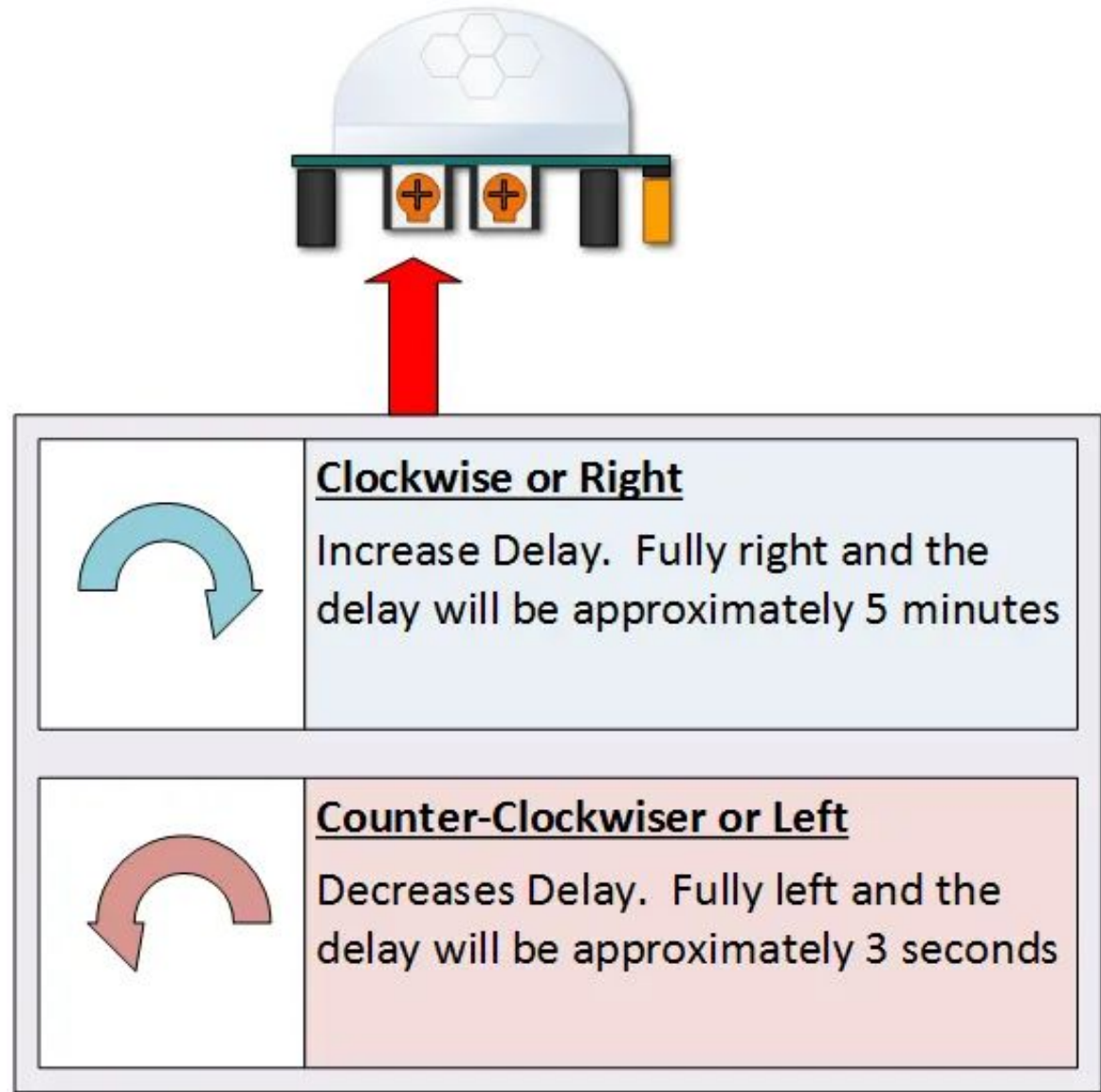
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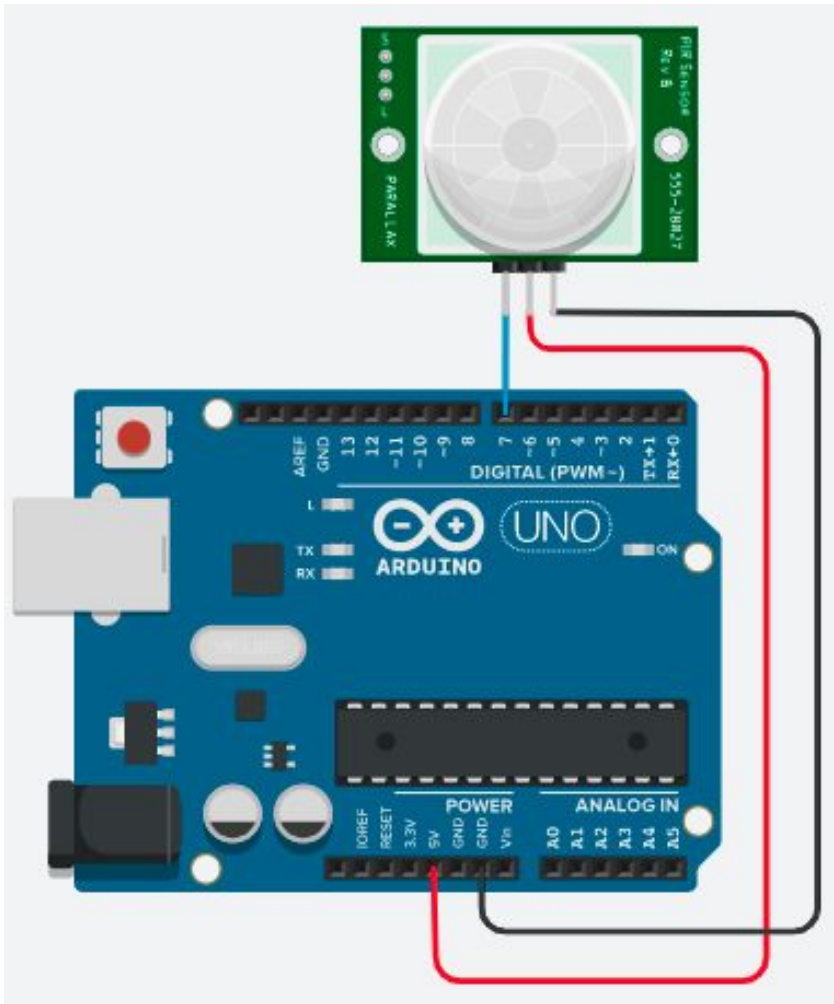


Distance Adjustment



Delay Time Adjustment





| PIR | Arduino |
|-----|---------|
| VCC | 5v |
| GND | GND |
| OUT | 7 |

Lưu ý: trên thiết bị thật vị trí các chân có thể không giống hình vẽ.


```
int pir_pin = 7;

void setup(){
    pinMode(pir_pin, INPUT);
    Serial.begin(9600);
}

void loop(){
    int value = digitalRead(pir_pin);
    Serial.println(value);
    delay(100);
}
```



Anti-theft system

When it gets dark, if the system detects motion, turn on the light and play an alarm. Otherwise, do nothing.