

# **For Arduino New 1PC Photo Interrupter Sensor Module**

* 100% brand new and high quality
* Photo interrupter module and a digital interface, built-in 13 LED build a simple circuit to produce. photo-interrupter warning lamp. It comes with digital interfaces of the LED, the light blocking access number 3 sensor interfaces, sensing when the light interrupter, Device senses a key signal, LED lights, otherwise off.
* Connection: "-" connected to the negative , "+" connected to the positive , "s" received signal

Feature:

* For Arduino
* Material: PCB
* Size:19X19X1.5mm(approx)
* Dimensions: 2.4 x 1.5 x 0.6 cm/0.94 x 0.59 x 0.24 inch (approx)
* Color: as the photo show.

Routines source code:

int Led = 13 ;// define LED Interface

int buttonpin = 3; // define the photo interrupter sensor interface

int val ;// define numeric variables val

void setup()

{

pinMode (Led, OUTPUT) ;// define LED as output interface

pinMode (buttonpin, INPUT) ;// define the photo interrupter sensor output interface

}

void loop ()

{

val = digitalRead (buttonpin) ;// digital interface will be assigned a value of 3 to read val

if (val == HIGH) // When the light sensor detects a signal is interrupted, LED flashes

{

digitalWrite (Led, HIGH);

}

else

{

digitalWrite (Led, LOW);

}

}