



## Octopus Hunt Sensor

The Pi Supply Octopus Hunt Sensor is a sensor based on TCRT5000 photoelectric sensitive element. It can detect the infrared reflected signal. Together with an Arduino specific sensor shield the Hunt Sensor can be widely used in many fields ranging from

- Black and white line detection
- Obstacle detection
- Shredding detection for fax machine or paper shredder
- Meter pulse data sampling
- And much more

Adjustable sensitivity (shown in blue digital potentiometer adjustment). Three pins electronic building blocks interface: input 5V - GND. S pin output digital voltage signal 0-1 Operating voltage: DC 5.0V

### **What are Octopus Electronic Bricks?**

Pi Supply Octopus Electronic Bricks can be used to build electronics projects just as easy as piling bricks. You can also connect Arduino compatible boards easily with various digital, analog and I2C/Uart interfaces. The breadboardless connections let you connect expansion modules like potentiometers, sensors, relays, servos, buttons in a plug and play way.

## Parameter

- Power supply needs: 5V
- Interface type: Analog
- Pin Definition: 1-Signal 2-VCC 3-GND
- Fast response and High sensitivity
- Simple drive circuit
- Stable and long life

## Features

- Use TCRT5000 photoelectric conversion element, with a built-in infrared emitting tube and a receiving tube
- Operating current for emitting tube and receiving tube was respectively 10mA, 0.1mA
- Indicator: an electric signal indicator. (Find a black line, it will be on)
- PCB positioning hole: 3.2mm standard positioning holes, capable of installing 3.2mm standard studs, screws.

## What's Included

- 1 x Octopus Hunt Sensor
- 1 x Analog Sensor Cable

