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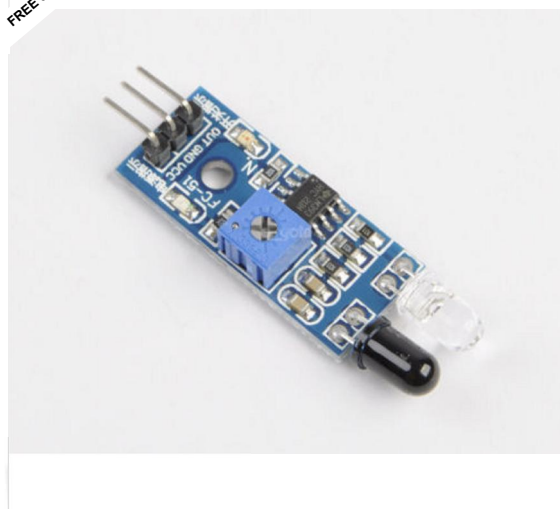
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## Obstacle Avoidance Sensor Module Infrared Module Reflection Photoelectric Sensor

Item **New**  
condition:

Quantity:

More than 10 available / **80 sold**

Price: **US \$2.84**

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**Free**  
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Shipping: **FREE** Standard Int'l Shipping | [See details](#)

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Item location: **Shenzhen , China**

Ships to: **Worldwide** [See exclusions](#)

Delivery: Estimated between **Wed. Jan. 22** and **Wed. Feb. 12**

Please note the delivery estimate is **greater than 9 business days**.

Payments: **PayPal** | [See details](#)

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### Seller information

**e\_goto** (44197)

99.9% Positive feedback

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Last updated on Dec 25, 2013 23:00:43 PST [View all revisions](#)

eBay item number: 130940850144

### Item specifics

Condition: New. A brand-new, unused, unopened, undamaged item in its original packaging (where packaging is ... [Read more](#)

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## Obstacle Avoidance Sensor Infrared Module Reflection Photoelectric Sensor

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## → Description

## Module description:

The sensor module light is adaptable to the environment, it has a pair of infrared transmitting and receiving tube, tube infrared certain frequency, when detecting direction meet with obstacles (reflecting surface), reflected infrared receiving tube, after the circuit processing, green indicator will light up, at the same time signal output interface to output digital signal (a low level signal). Through the potentiometer knob adjust the detection distance, effective distance range 2 ~ 30cm, working voltage is 3.3V. The sensor detection range can be through the potentiometer to adjust and have small interference, easy to assemble, easy to use, be widely used in robot obstacle avoidance, obstacle avoidance car, line count, and black and white line tracking and so on occasions.

## Module parameters:

1. when the module detects obstacles in front of the signal, the green indicator on the circuit board light level and at the same time OUT port output low level signal, the detection module from 2 ~ 30cm, 35° detection Angle, test distance can be adjusted through the potentiometer, adjustable potentiometer clockwise, the detection distance increases; Counter-clockwise tuning potentiometer distance is reduced.
2. sensors, active infrared reflection detection, therefore the reflectivity and shape of the target is the key of the detection range, black detection range, minimum maximum; Small area of the object distance, large distance.
3. the sensor module output port OUT can be directly connected to the microcontroller IO port can, also can drive a 5v relay. Connection mode: the VCC - VCC; GND - GND; The OUT - the IO
4. the comparator USES the LM393, working stability;
5. can be used for 3 to 5v dc power to power supply module. When power on, the red power indicator light lit;
6. 3 mm screw holes, easy fixed, installation;
7. circuit board size: 3.2CM\*1.4CM
8. each module is shipped already compare threshold voltage through the potentiometer to adjust good, not special circumstances do not arbitrarily adjust the potentiometer.

## Module interface specification:

1. VCC voltage is 3.3V to 5V converter (which can be directly connected to 5V single-chip microcontroller and 3.3V)
2. GND external GND
3. OUT of small plate digital output interface (0 and 1)

## → Feedback

We're doing our best to ensure items quality and our service.

So if you have **any problem**, please do feel free to contact with us **before leaving feedback**.

We'll try our best to solve your problem, and improve our service. ^ \_ ^

## → Payment

1) We accept PayPal payment ONLY.



## → Shipping

1) **All items will be shipped to your PayPal address.** Please update your latest address when you check out, and Please make sure to provide us with **correct, precise, and detailed** shipping Address.

2) Most of items will be shipped via Hongkong Airmail / Singapore Airmail

3) All items will be shipped within 1-2 working days after payment received and cleared( excluding Sat, Sun & Holiday ).

4) **TAX: We'll do our best to assist you to clear the goods, and the tax depends on each country custom.**

5) If you don't receive items **over 30** business days, please feel free to contact with us.

6) Below shipping time for your reference

Country	Delivery Time					
	Shipping Time will be longer than below period due to the Flight and Holiday					
	Working Days (not including holiday)	5-7	8-10	12-14	15-19	20-22
	Working Days + Saturday + Sunday	5-9	10-15	16-20	21-25	26-30
Australia	Rate(time arrived)	21.4%	52.1%	14.3%	7.2%	4%
United States	Rate(time arrived)	5.2%	50.00%	29.7%	10.4%	4.7%
United Kingdom	Rate(time arrived)	6.0%	50.0%	25.0%	15.0%	4.0%

Questions and answers about this item

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