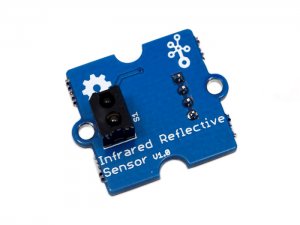
**Grove - Infrared Reflective Sensor**

窗体顶端



http://www.seeedstudio.com/depot/includes/templates/pure_green/images/next_l.gif

* [http://www.seeedstudio.com/depot/bmz_cache/c/c6f10c62332ea49d1f562de96da59500.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/GroveInfraredReflective.jpg)
* [http://www.seeedstudio.com/depot/bmz_cache/3/396b0276eb0401f0cbf74b6e487ec47a.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/GroveInfraredReflective_01.jpg)
* [http://www.seeedstudio.com/depot/bmz_cache/8/8c861b095963720e881cdf1243eac1f2.image.55x41.jpg](http://www.seeedstudio.com/depot/images/product/GroveInfraredReflective_02.jpg)

http://www.seeedstudio.com/depot/includes/templates/pure_green/images/next_r.gif

* **Price:**

$4.90  [(Price Feedback)](javascript:void())

* **SKU:**

WLS07061P

* **Weight:**

2Gram

* **Units in Stock**

19

* **Designed by:**

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* **Quantity:** Max: 19  
  
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Description

The reflectivity of infrared light varies with the color and distance of the reflecting surface. According to this principle, Grove - Infrared Reflective Sensor utilizes a RPR220 reflective photosensor module to detect color and distance. When a light-colored object approaches,the signal intensity received by infrared reflective sensor increases and the indicator LED on board turns red. When a dark-colored object approaches, the intensity decreases and the LED turns off.

This sensor is a basic and widely used part in applications such as line-following cars, rotary speed detection, auto data logging on utility meters or other situations where color or distance contrast is sharp.

**Features**

* Operating voltage: 4.5 V - 5.5 V
* Digital output, 0 or VCC
* High resolution sensor;minimum detectable length: 1mm black line
* Effective distance：4-15mm
* Indicator LED on board
* Sensitivity adjustable via potentiometer
* Small Grove 1X1 compatible interface

**Documents**

Please visit our [wiki](http://www.seeedstudio.com/wiki/Grove_-_Infrared_Reflective_Sensor) page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our[forum](http://forum.seeedstudio.com/).

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