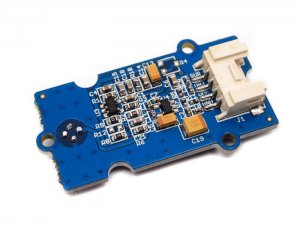
**Grove - Infrared Temperature Sensor**

窗体顶端



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

* [http://www.seeedstudio.com/depot/bmz_cache/f/f41c28296ac77bcfdacf8cd6071db111.image.55x41.jpg](http://www.seeedstudio.com/depot/images/P3272637.jpg)
* [http://www.seeedstudio.com/depot/bmz_cache/7/7968e90f4fabeba12e817dc2e338c013.image.55x41.jpg](http://www.seeedstudio.com/depot/images/P3272637_01.jpg)

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

* **Price:**

$9.30  [(Price Feedback)](javascript:void())

* **SKU:**

SEN01041P

* **Weight:**

4Gram

* **Units in Stock**

10

* **Designed by:**

[Seeed Studio](http://www.seeedstudio.com/)



[Other products from designer](http://www.seeedstudio.com/depot/seeed-studio-m-23.html)

* **Quantity:** Max: 10  
  
* [Add to Wish List](http://www.seeedstudio.com/depot/index.php?main_page=un_wishlist&products_id=1058&cPath=144_147&action=un_add_wishlist)

Description

**Due to New Year Holidays new orders are going to be processed after Jan 3, 2013**

This Grove-Infrared temperature sensor is a non-contact temperature measure model.The sensor is composed of 116 elements of thermocouple in series on a floating micro-membrane having an active diameter of 545μm and with blacken surface to absorb the incident thermal infrared radiation, which induces a voltage response at output terminals.

**Features**

* Grove compatible interface
* Wide supply voltage range: 3V~5V
* Zero drift amplify current
* Power consumption: less than 0.6mW
* Temperature measure range: -10~100°C
* Measure accuracy: ±2°C
* Nominal measure distance:9CM
* 2.0cm x 4.0cm Grove module

**Application Ideas**

* Motion sensor
* Thief-guarding System
* Switch
* Industrial automation
* Body distance check

**Documents**

Please visit our [wiki](http://www.seeedstudio.com/wiki/Grove_-_Infrared_temperature_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/).

窗体底端