

## Grove - Infrared Temperature Sensor

SKU 101020062

### Description

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 545 $\mu$ m 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:  $\pm 2^{\circ}$ 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

- For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

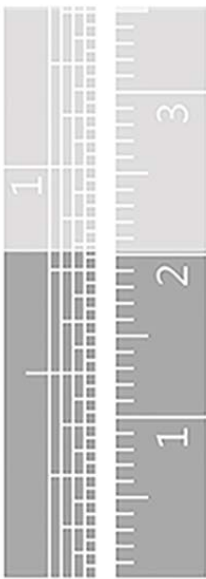
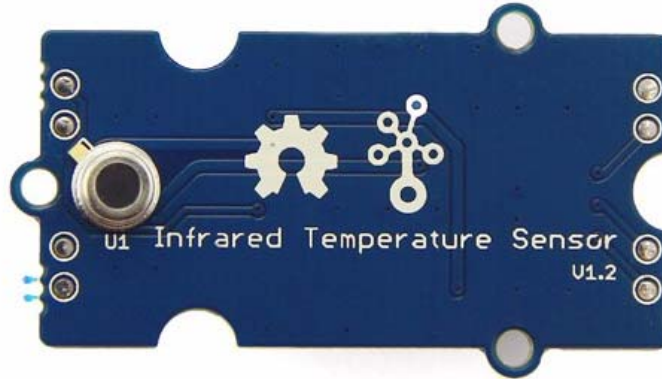
### Technical Details

Dimensions	130mm x 80mm x 11mm
Weight	G.W 11g
Battery	Exclude

### Part List

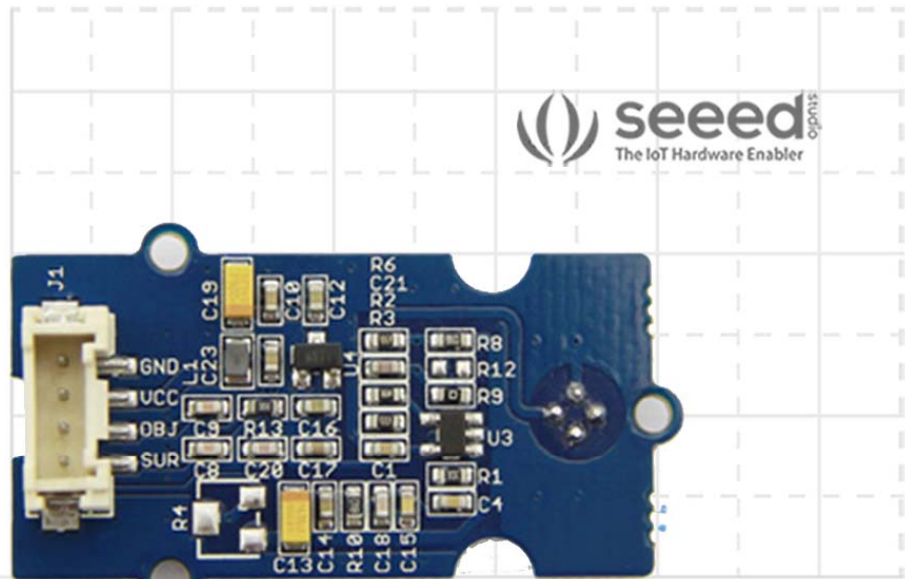
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