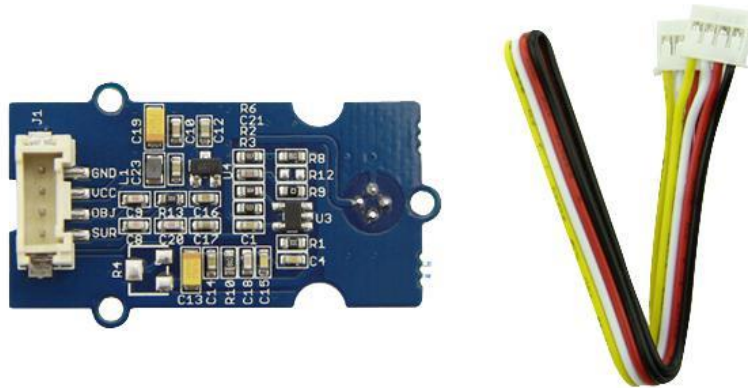


Grove - Infrared Temperature Sensor – 101020062



This Grove-Infrared temperature sensor is a non-contact temperature measure model.

PRODUCT DETAILS

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 μ 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: $\pm 2^{\circ}\text{C}$
- 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 x80mm x11mm
Weight	G.W 11g
Battery	Exclude

Part List

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