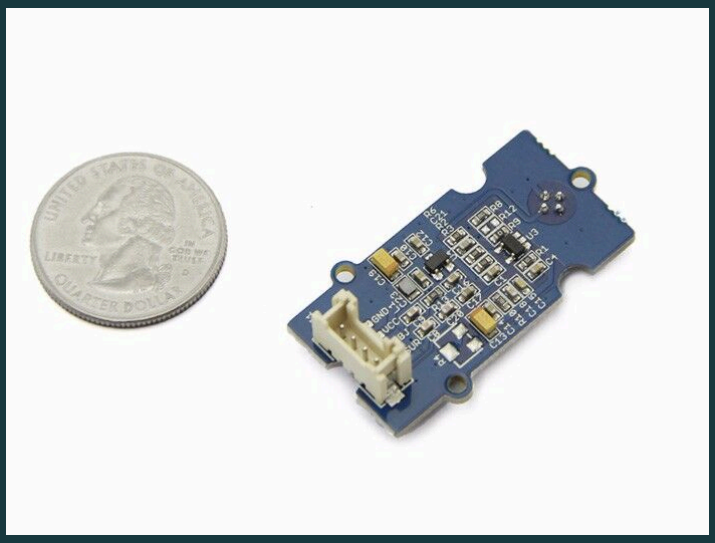
seeed studio

INDUSTRIAL PRODUCT DATASHEET

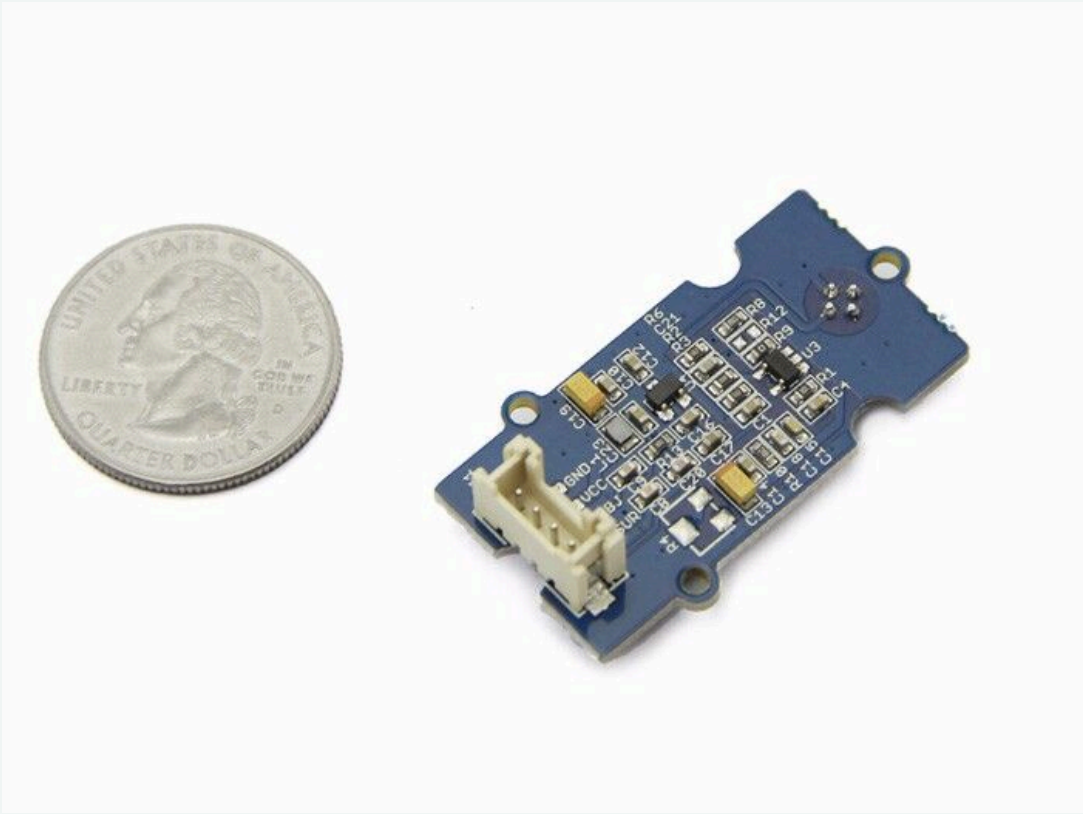
Grove - Infrared Temperature Sensor for Arduino

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

SKU	UPDATED	PRICE
101020062	2026-11-11 07:42:42	$10.90(Excl. VAT)



Overview



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 a blackened surface to absorb the incident thermal infrared radiation, which induces a voltage response at output terminals.

Key Features

01 **Non-contact temperature measurement**

Infrared temperature collection within 9CM

02 **Wide range of temperature measurements**

Temperature measurements range from -10 to 100 ℃

03 **Low power consumption**

The power consumption is less than 0.6mW

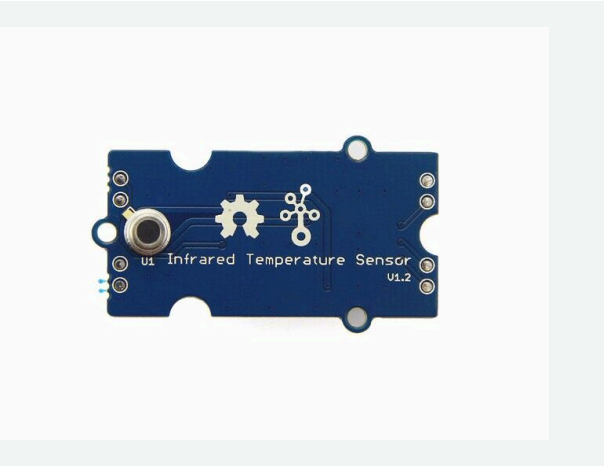
04 **Accurate temperature measurement**

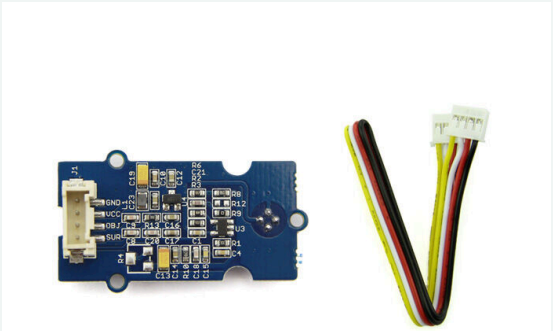
The measurement accuracy error was only ±2℃

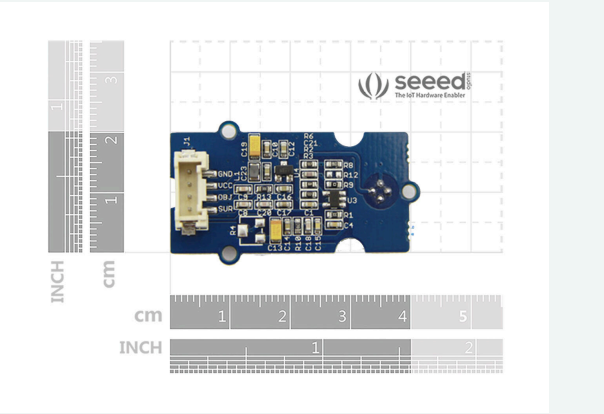
05 **Grove compatible interface**

The product ensures "Plug and Play" and could be versatile for various applications of Grove

Product Gallery







Resource Links

- https://www.seeedstudio.com/Grove-Infrared-Temperature-Sensor-p-1058.html
- LTE Cat.1 Pi HAT Schematic
- u-blox-CEL_ATCommands
- LARA-R2_DataSheet
- LARA-R2_SysIntegrManual
- AT-Commands Examples AppNote

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com