

INDUSTRIAL PRODUCT DATASHEET

Grove - Infrared Temperature Sensor for Arduino

Grove-compatible non-contact infrared temperature sensor with a -10 to 100°C range and $\pm 2^{\circ}\text{C}$ accuracy.

SKU

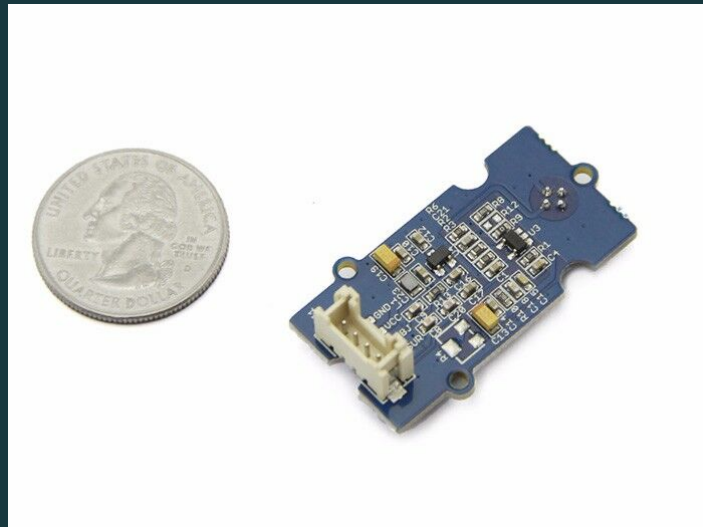
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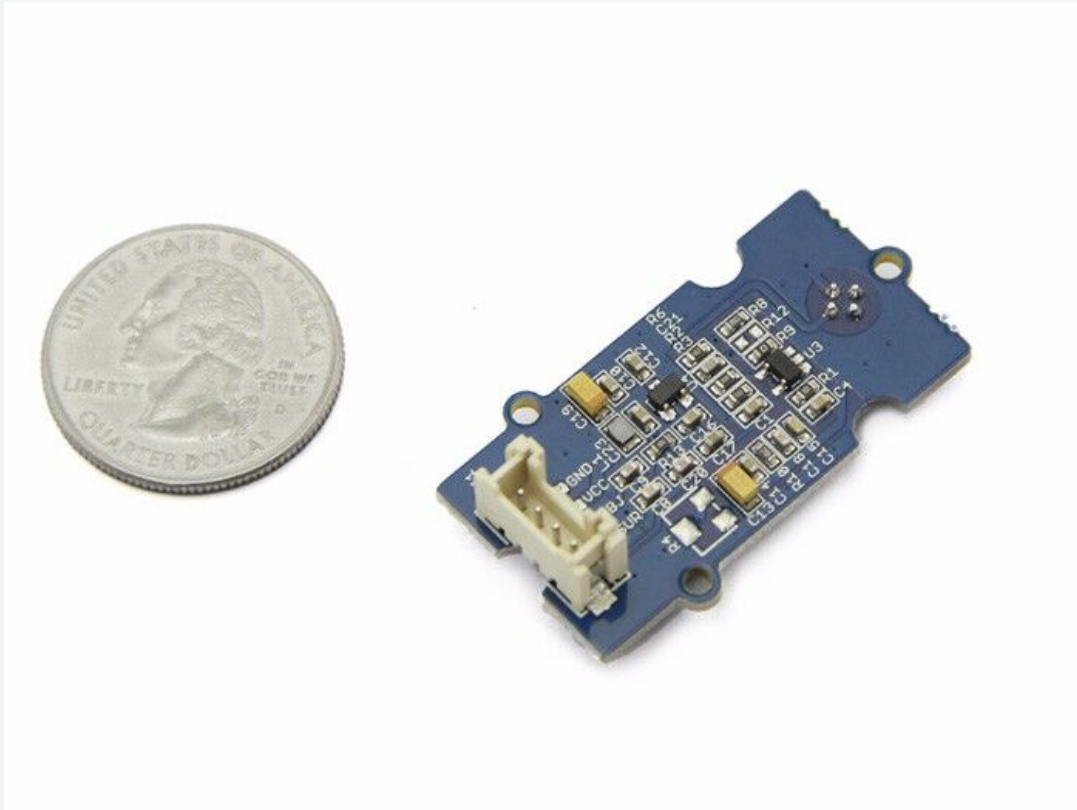
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PRICE

\$10.90(Excl. VAT)



Overview

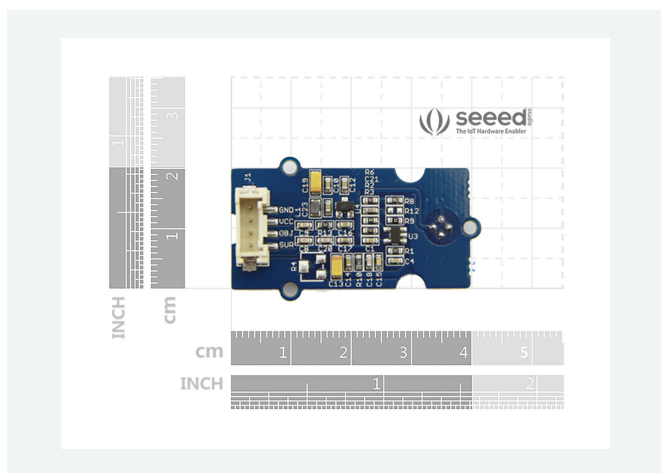
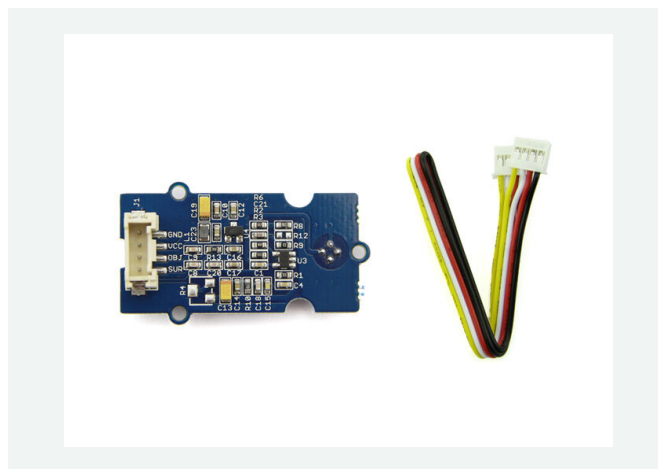
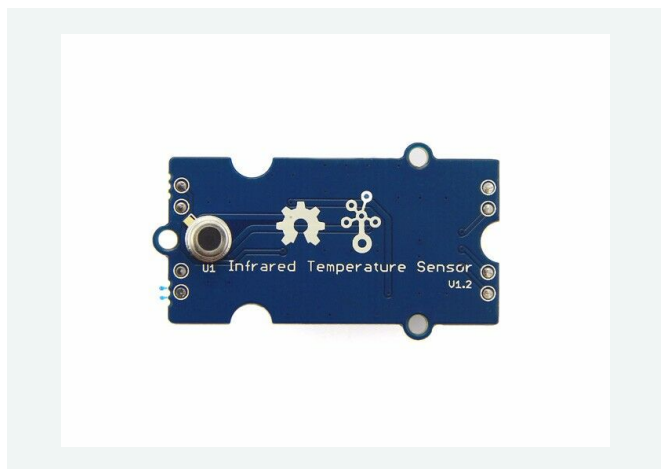


The Grove - Infrared Temperature Sensor for Arduino offers non-contact temperature measurement within 9 cm, covering a range from -10 to 100°C with $\pm 2^\circ\text{C}$ accuracy. It features low power consumption under 0.6mW and a Grove compatible interface for easy plug-and-play integration.

Key Features

- **Non-contact temperature measurement:** Infrared temperature collection within 9CM
- **Wide range of temperature measurements:** Temperature measurements range from -10 to 100 °C
- **Low power consumption:** The power consumption is less than 0.6mW
- **Accurate temperature measurement:** The measurement accuracy error was only $\pm 2^\circ\text{C}$
- **Grove compatible interface:** The product ensures "Plug and Play" and could be versatile for various applications of Grove

Product Gallery



Specification

Dimensions	130mm×80mm×11mm
Supply Voltage	3.3V/5V
Measuring Current Supply	160-200 uA
Measuring Range	-10~100°C
Measuring Accuracy	±2°C
Measuring Distance	9CM
Holding Time	2S
Operating Temperature	-10~80 °C
Storage Temperature	-35-80 °C

Part List

Grove - Infrared Temperature Sensor	1
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Compliance & Logistics



HSCODE	9025900090
USHSCODE	9025900600
UPC	841454108115
EUHSCODE	9013101000
COO	CHINA

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](#)

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