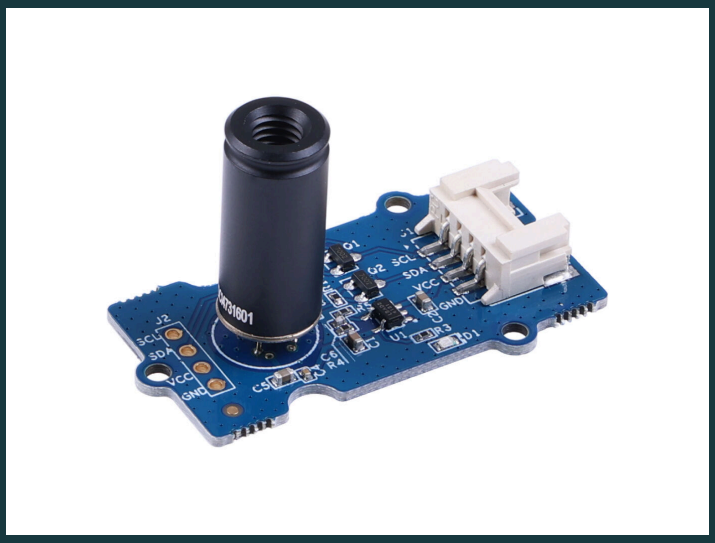
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INDUSTRIAL PRODUCT DATASHEET

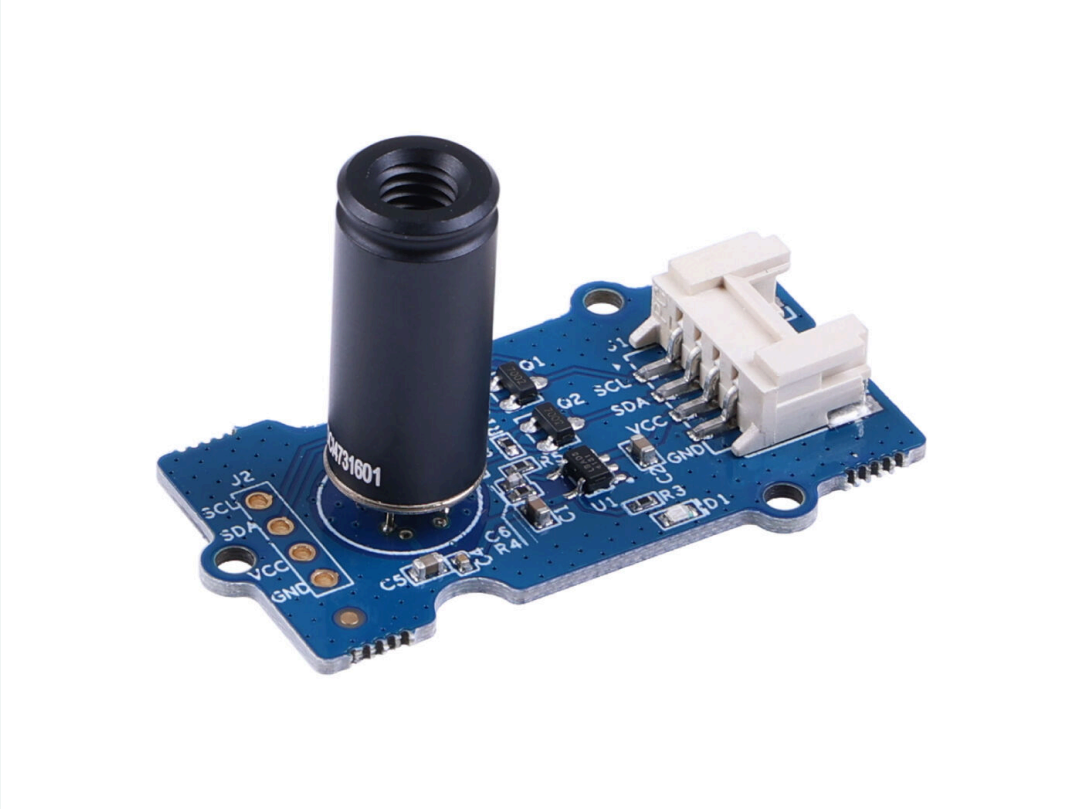
# Grove - Single-Point Infrared Thermometer - MLX90614 DCI with 5° FOV

This Infrared Thermometer module is equipped with a single-point medical-grade infrared temperature sensor (MLX90614), which can detect the temperature of objects with an accuracy of ±0.2°C in the body temperature...

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 101020894 | 2026-11-18 23:17:38 | $39.00(Excl. VAT) |



# Overview




This Infrared Thermometer module is equipped with a single-point medical-grade infrared temperature sensor (MLX90614), which can detect the temperature of objects with an accuracy of ±0.2°C in the body temperature range. At room temperature, the surface temperature of the measured object can reach an accuracy of ±0.5°C in a wide range. The module can use the I2C protocol to obtain data from the camera. The field of view (FOV) of this sensor is 5°, the temperature measurement range is -70°C～380°C, and the working temperature is that the sensor's Ta value is between -40°~85°.

# Key Features

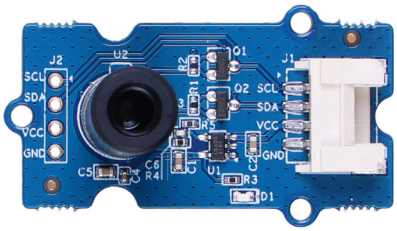
01 Single-point medical-grade infrared temperature sensor (MLX90614)

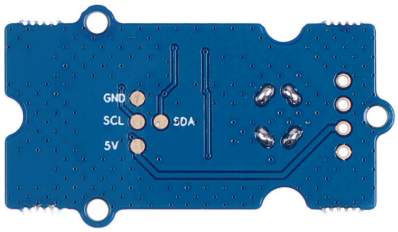
02 Wide temperature measurement range (-70℃~380℃)

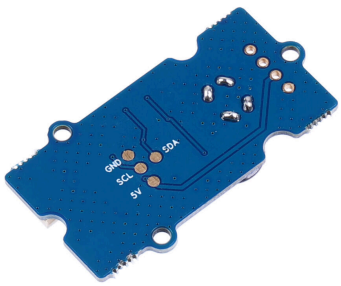
03 Narrow field-of-view (5°) for accurate measurements

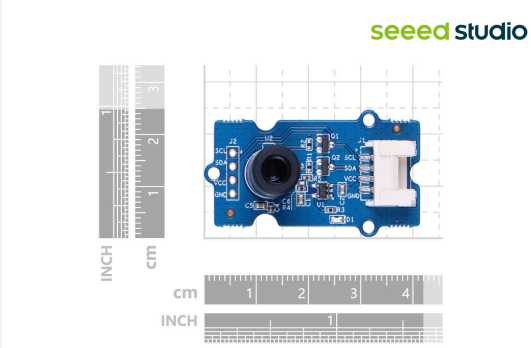
04 I2C Grove interface for easy communication with an MCU

# Product Gallery



# Resource Links

- https://www.seeedstudio.com/Grove-Thermal-Imaging-Camera-MLX90614-DCI-IR-Array-with-5-FOV-p-4654.html
- MLX90614 Datasheet
- MLX90614 Library
- MLX90614 Driver

**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