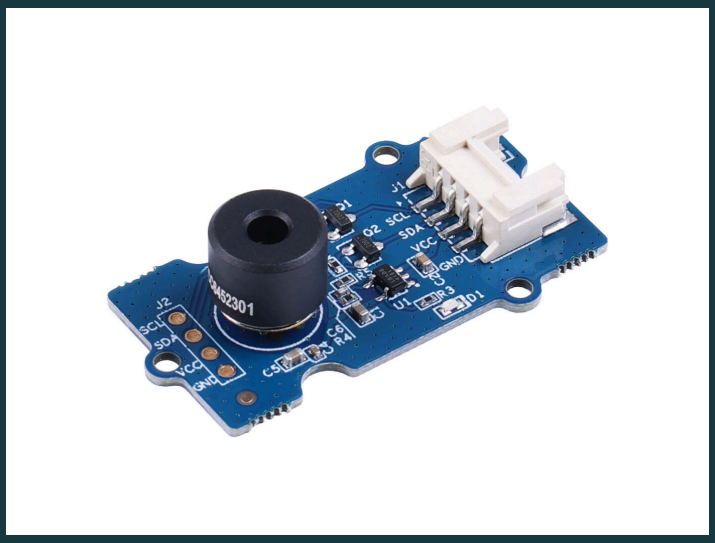
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Single-Point Infrared Thermometer - MLX90614 DCC with 35° FOV

The infrared thermomometer module has a single-point medical-grade infrared temperature sensor (MLX90641), which can detect the temperature of objects with an accuracy of ±0.2°C in the body temperature range.

SKU	UPDATED	PRICE
101020895	2026-11-11 08:32:06	$20.80(Excl. VAT)



Overview



The infrared thermomometer module has a single-point medical-grade infrared temperature sensor (MLX90641), 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 35°, the temperature measurement range is -70°C～380°C, and the working temperature is that the sensor's Ta value is between -40°~85°.

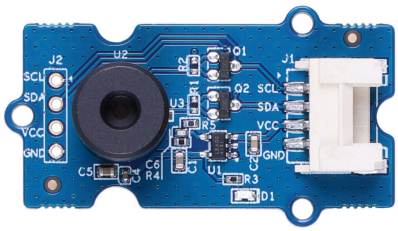
Key Features

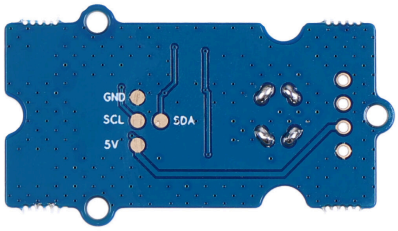
01 Single-point medical-grade infrared temperature sensor (MLX90614)

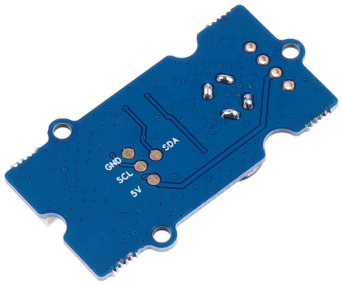
02 Wide temperature measurement range (-70℃~380℃)

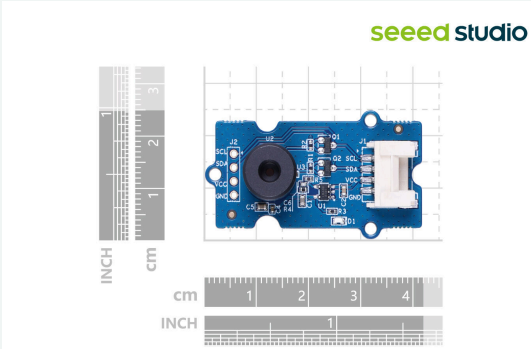
03 I2C Grove interface for easy communication with an MCU

Product Gallery









Resource Links

- https://www.seeedstudio.com/Grove-Thermal-Imaging-Camera-MLX90614-DCC-IR-Array-with-35-FOV-p-4657.html
- MLX90614 Datasheet

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