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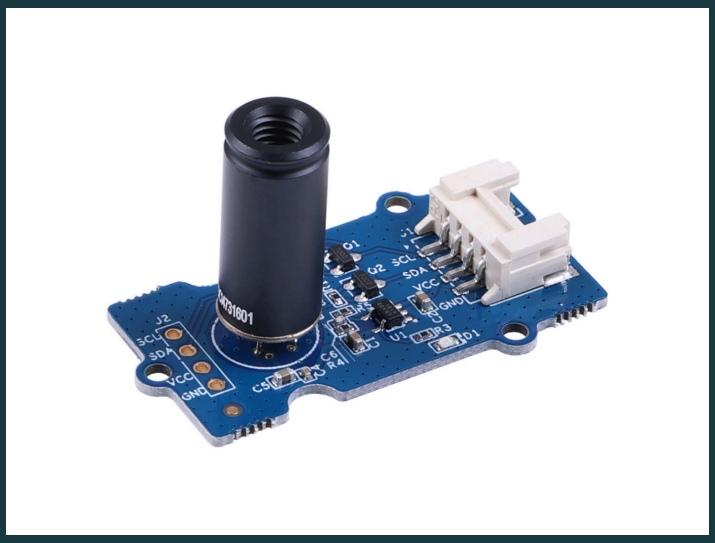
INDUSTRIAL PRODUCT DATASHEET

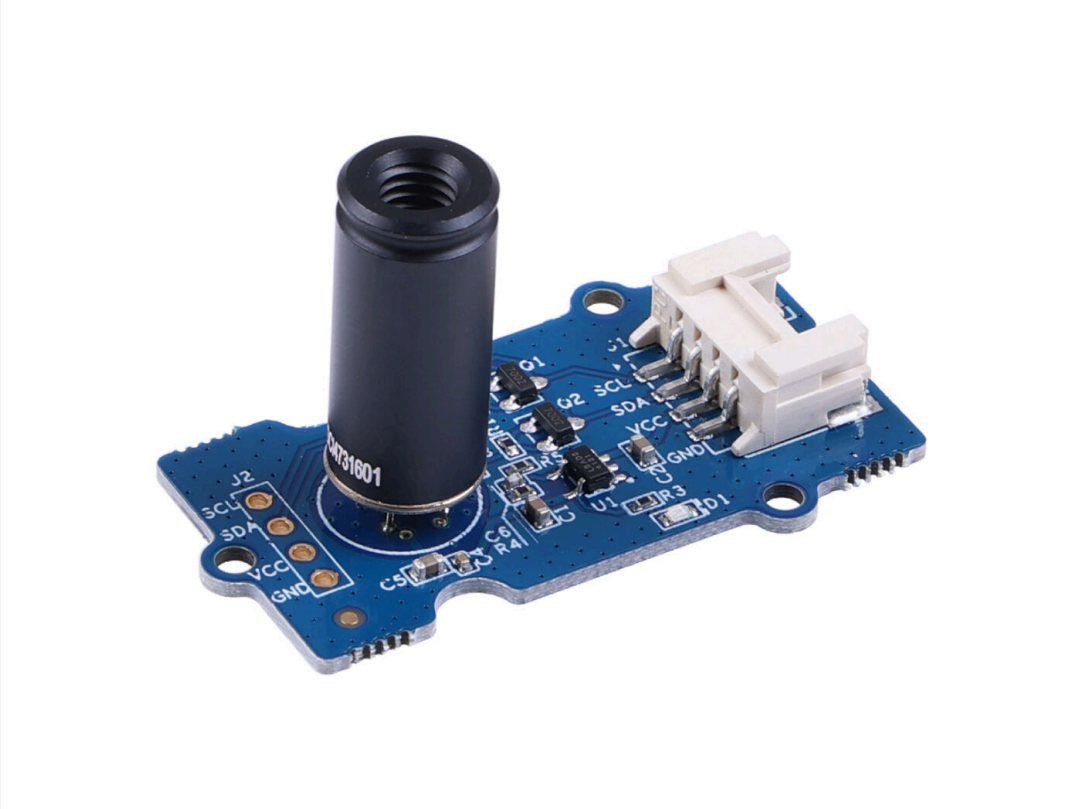
Grove - Single-Point Infrared Thermometer - MLX90614 DCI with 5° FOV

Grove - Single-Point Infrared Thermometer - MLX90614 DCI with 5° FOV, wide temperature range, and I2C Grove interface.

SKU	UPDATED	PRICE
101020894	2026-05-06 05:54:29	$39.00(Excl. VAT)



Overview

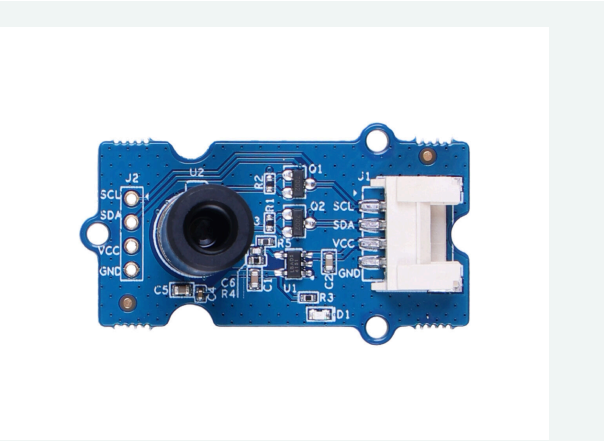


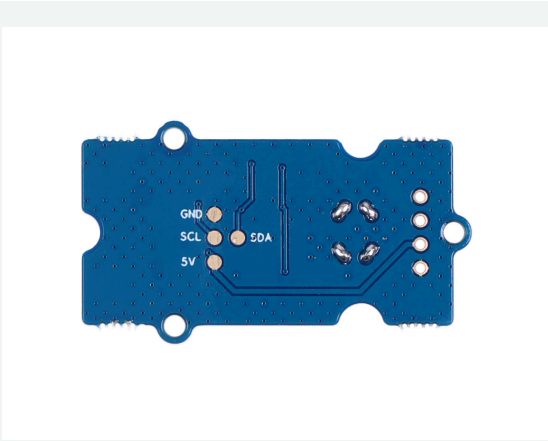
The Grove - Single-Point Infrared Thermometer incorporates the MLX90614 DCI medical-grade sensor, offering a wide temperature measurement range from -70°C to 380°C. Its narrow 5° field-of-view ensures accurate readings, and the I2C Grove interface simplifies integration with microcontrollers.

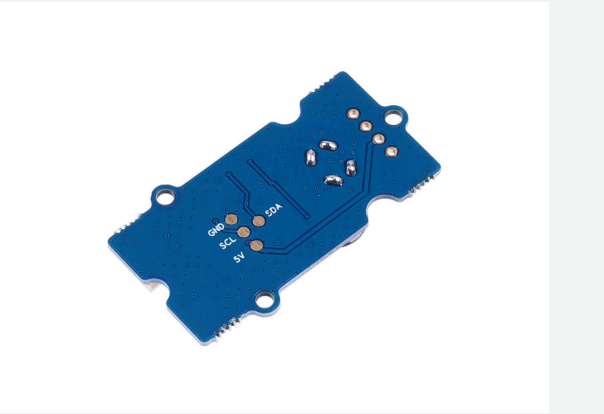
Key Features

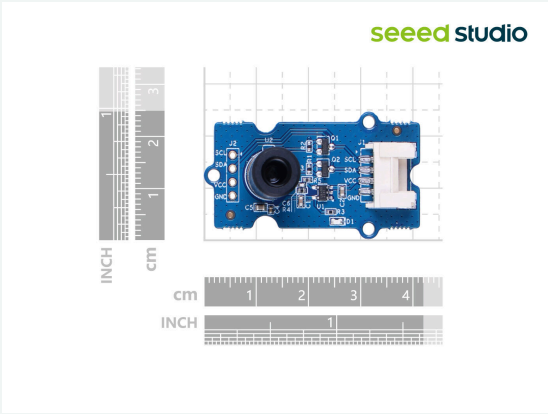
- Single-point medical-grade infrared temperature sensor (MLX90614)
- Wide temperature measurement range (-70℃~380℃)
- Narrow field-of-view (5°) for accurate measurements
- I2C Grove interface for easy communication with an MCU

Product Gallery









Specification

Specification	Details
FOV	5°
Measurement accuracy	±0.2°C
Measuring range	-70°C~380°C(object temperature)
Senser operating temperature	Ta is between -40°~85°
Refresh Rate	0.5Hz ~ 64Hz
Interface	I2C
Voltage	3.3V-5V
Current	~18mA

Part List

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Compliance & Logistics

HSCODE	9031900090
USHSCODE	9031902100
UPC	
EUHSCODE	9013101000
COO	CHINA

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

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