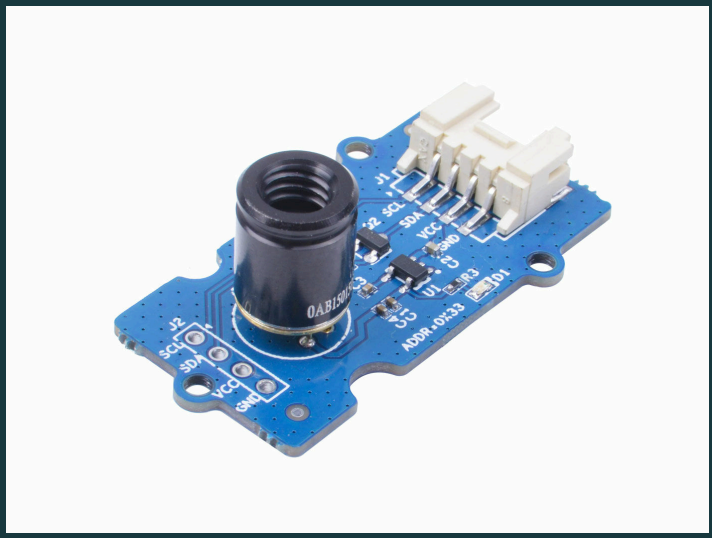
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Thermal Imaging Camera / IR Array MLX90640 55 degree

Grove thermal camera with 32x24 IR array, 55° field of view, and -40°C to 300°C range.

SKU	UPDATED	PRICE
114020141	2026-06-17 08:20:43	$45.90(Excl. VAT)



Overview

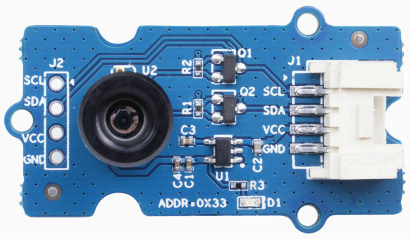


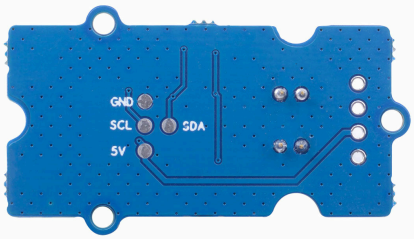
The Grove - Thermal Imaging Camera features a 32x24 IR array sensor (MLX90640) with a 55°x35° field of view. It measures temperatures from -40°C to 300°C via an I2C Grove interface.

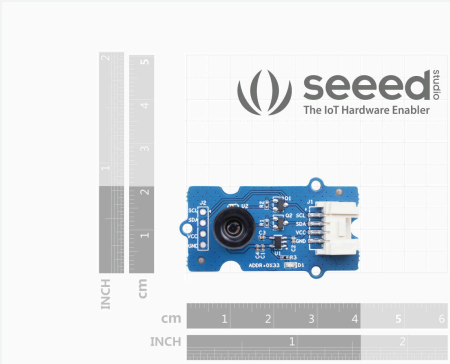
Key Features

- IR Thermal Sensor Array 32X24(MLX90640)
- 55°x35° FOV(field of view)
- Temperature measurement range:-40℃~300℃
- I2C Grove interface

Product Gallery







Specification

Items	Values
Operating Voltage	3V-3.6V
Current Consumption	~18mA
Field of View	55°x 35°
Measurement Range	-40°C-300°C
Resolution	±1.5°C
Refresh Rate	0.5Hz-64Hz
Interface	I2C Grove interface
I2C Address	0x33

Compliance & Logistics

HSCODE	9031900090
USHSCODE	9031902100
UPC	
EUHSCODE	9013101000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Thermal-Imaging-Camera-IR-Array-MLX90640-55-degree-p-4335.html
- MLX90640 datasheet
- PCN-114020141-Grove - Thermal Imaging Camera - IR Array MLX90640 55 degre

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