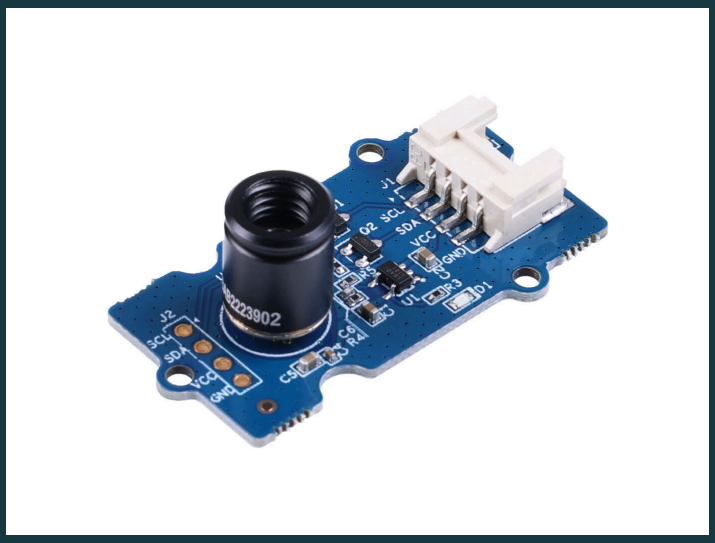
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Thermal Imaging Camera - MLX90621 BAB 16x4 IR Array with 60° FOV

The infrared thermal imaging module has a 16x4 resolution array temperature sensor (MLX90621), which can detect the temperature of the object with an accuracy of ±1°C ±3% * |To-Ta|, Where To is the measured surface temperature of...

SKU	UPDATED	PRICE
101020993	2026-11-11 08:46:56	$39.00(Excl. VAT)



Overview



The infrared thermal imaging module has a 16x4 resolution array temperature sensor (MLX90621), which can detect the temperature of the object with an accuracy of ±1°C ±3% * |To-Ta|, Where To is the measured surface temperature of the object, and Ta is the temperature of the sensor itself. The module can use the I2C protocol to obtain low-resolution images from the camera. The field of view (FOV) of this camera is 60°x16°, the temperature measurement range is -40°C～300°C, and the working temperature is that the sensor's Ta value is between -40°~85°.

Key Features

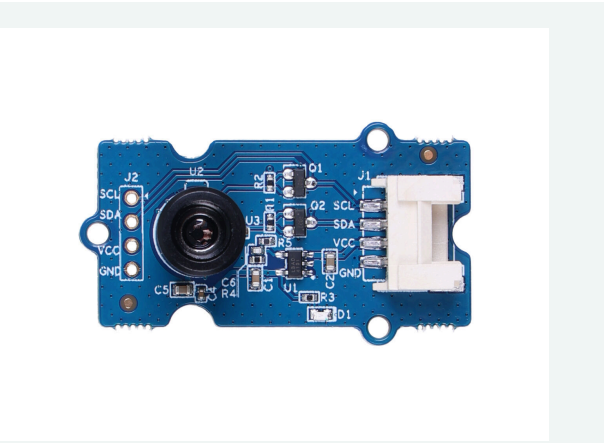
01 Compact size 16x4 pixel IR thermal sensor array (MLX90621)

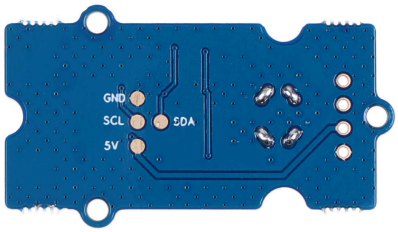
02 Wide temperature measurement range (-40℃~300℃)

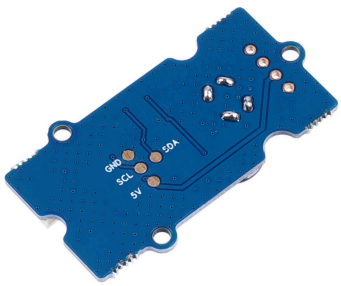
03 I2C Grove interface for easy communication with an MCU

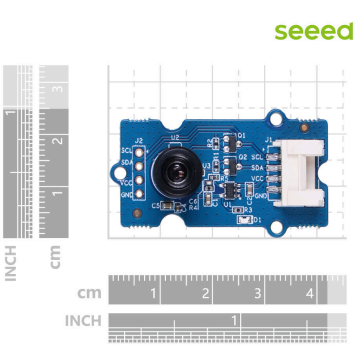
04 Fully calibrated IR array for convenient setup

Product Gallery









Resource Links

- https://www.seeedstudio.com/Grove-Thermal-Imaging-Camera-MLX90621-BAB-16x4-IR-Array-with-60-FOV-p-5266.html
- MLX90621 Datasheet
- MLX90621 Library
- MLX90621 Driver
- PCN-101020993-Grove - Thermal Imaging Camera - MLX90621 BAB 16x4 IR Array with 60° FOV

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