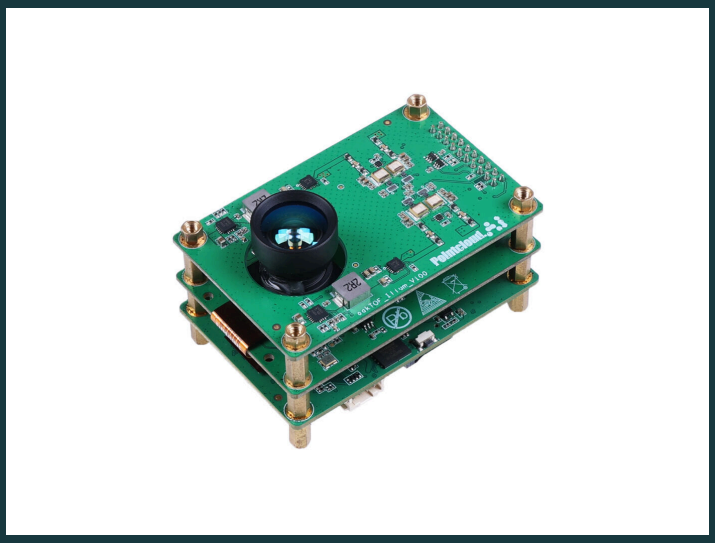
seeed studio

INDUSTRIAL PRODUCT DATASHEET

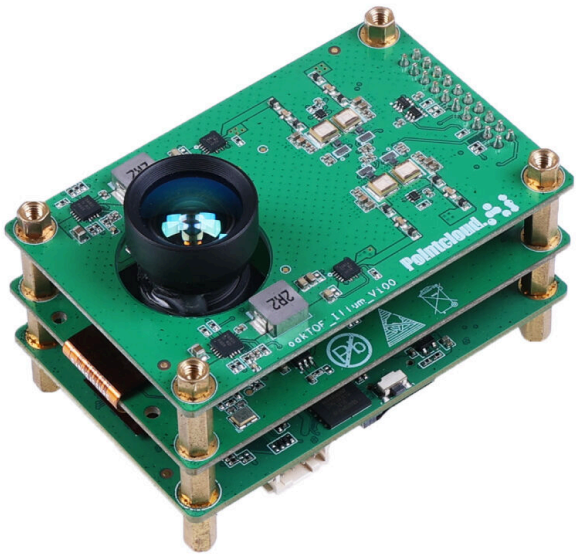
OakSense H67V-VGA resolution TOF camera supported C++ and Python

The OakSense H67V is a demo kit based on the MLX75027 ToF sensor and it can be applied as a camera or a temperature detector.

SKU	UPDATED	PRICE
114992753	2026-11-11 10:05:23	$599.00(Excl. VAT)



Overview



The OakSense H67V is a demo kit based on the MLX75027 ToF sensor and it can be applied as a camera or a temperature detector. With high accuracy of detecting objects, the kit can be directly connected to a PC and programmed by C++ or Python. All data output through SDK which is available for Windows, Linux, Mac.

Key Features

01 **Mounted sensor**

MLX75027 Time-of-Flight sensor

02 **Full VGA resolution image acquisition**

0.3MP 640 x 480 px

03 **Long Measured Range**

0.5m ~ 4.0m

04 **High measurement Accuracy**

more than 99%

05 **Display Frames Per Second**

Maximum 30 FPS

06 **Field-of-view**

H67° x V51°

07 **Multiply illumination**

4 x VCSEL @ 850nm

08 **Built-in sensor**

Additional temperature sensor

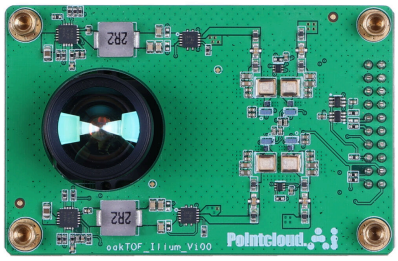
09 **Data interface**

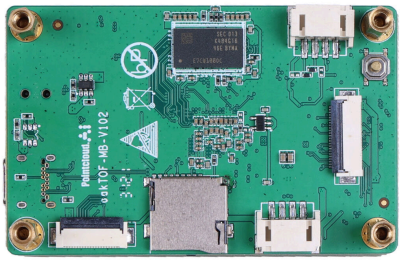
Directly connect to PC through USB 3.1 Gen1 /Type C

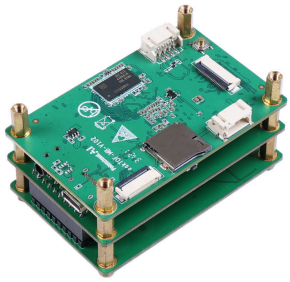
10 **Operating Temperature：-10°C - 60°C**

11 **Power Consumption：12V/ 2A (Peak) /0.5A(Average)**

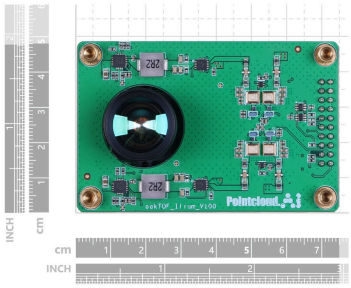
Product Gallery











Applications

- **Robot obstacle avoidance**
- **Volume measurement**
- **Object recognition**
- **Environment scanning**
- **3D re-modeling**
- **Object recognition**

Resource Links

- https://www.seeedstudio.com/OakSense-H67V-VGA-resolution-TOF-camera-p-5237.html
- OakSense H67V datasheet
- SDK Github

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