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INDUSTRIAL PRODUCT DATASHEET

Seeedstudio Grove - TF Mini LiDAR ToF (Time of Flight) Distance Sensor

The TF Mini LiDAR is based on the ToF (Time of Flight) principle and integrated with unique optical and electrical designs, so as to achieve stable, precise, high sensitivity, and high-speed distance detection.

SKU	UPDATED	PRICE
114991434	2026-11-11 08:00:50	$39.95(Excl. VAT)

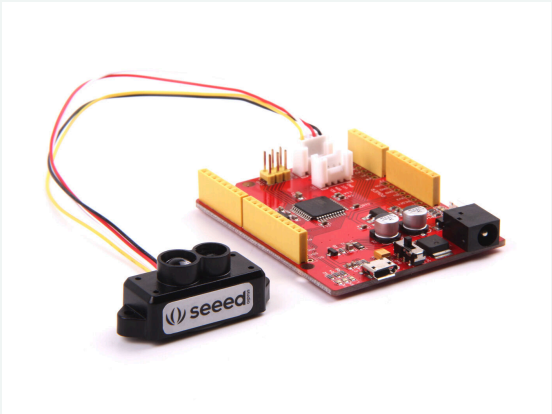


Overview

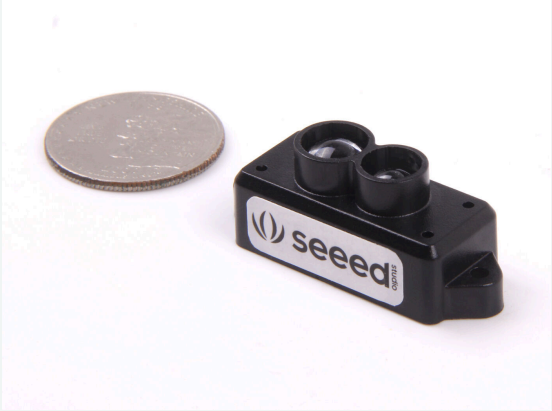


The TF Mini LiDAR is based on the ToF (Time of Flight) principle and integrated with unique optical and electrical designs, so as to achieve stable, precise, high sensitivity, and high-speed distance detection.

Product Gallery







Applications

- Drone altitude holding and terrain following
- Machine control and safety sensor
- Robot distance detection
- If you are using Seeeduino Lotus then just connect it with the Grove Serial Interfaces.
- 1.1 TF mini optical simulation of the optical path：
- 1.2 Measurement range schematic diagram：
- 1.3 Product Size Specifications

Resource Links

- https://www.seeedstudio.com/Seeedstudio-Grove-TF-Mini-LiDAR.html
- Grove-TF-Mini-LiDAR
- Grove-TF-Mini-LiDAR Master Computer Software
- TFmini Examples on Arduino
- TFmini Examples on RaspberryPi
- TFmini Examples on TFmini-STM32
- TFmini Examples on 51MCU

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