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INDUSTRIAL PRODUCT DATASHEET

TF-Luna LiDAR Module - Short-Range Distance Sensor

TF-Luna is a single-point ranging LiDAR, based on the TOF (Time of Flight) principle.

SKU	UPDATED	PRICE
101990656	2026-11-11 08:29:27	$28.90(Excl. VAT)



Overview



TF-Luna is a single-point ranging LiDAR, based on the TOF (Time of Flight) principle. It is mainly used for stable, accurate and high-frame-rate range detection.

Key Features

01 Compact Size for easy deployment in LIDAR projects

02 Low Power Consumption for longer usage periods

03 Light Weight Design ideal for UAV applications

04 High Frame Rate Range Detection through high stability and accuracy

05 In-built Algorithms to suit for various application environments

06 Adjustable configurations and parameters for complex application scenarios

07 Easy Firmware Upgradability via the TTL-USB connection with PC

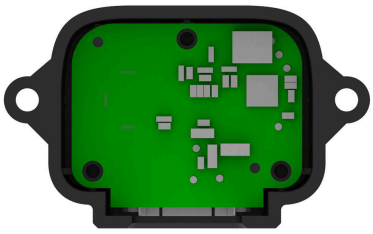
Product Gallery











Applications

- **Robot Obstacle Avoidance**
- **UAV Obstacle Avoidance**
- **UAV Altitude Holding**
- **Intrusion Detection**
- **Level Measurement**
- **Smart City**
- **Industrial**

Resource Links

- https://www.seeedstudio.com/TF-Luna-LiDAR-Module-Short-Range-Distance-Sensor-p-4561.html
- Datasheet
- Product Manual
- PC Software

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