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INDUSTRIAL PRODUCT DATASHEET

TFmini S LiDAR module - Short-Range ToF LIDAR Range Finder

TFmini S LiDAR module - Short-Range ToF LIDAR Range Finder is a distance sensor of LIDAR which can emit near-infrared ray and measure the phase difference between the emitting ray and reflected ray to calculate the distance...

SKU	UPDATED	PRICE
101990620	2026-11-11 08:28:04	$43.90(Excl. VAT)



Overview



TFmini S LiDAR module - Short-Range ToF LIDAR Range Finder is a distance sensor of LIDAR which can emit near-infrared ray and measure the phase difference between the emitting ray and reflected ray to calculate the distance through ToF.

Key Features

01 **High Sensitivity**

Emits near-infrared ray and catches the reflected ray which can give the response in a short time.

02 **High Precision**

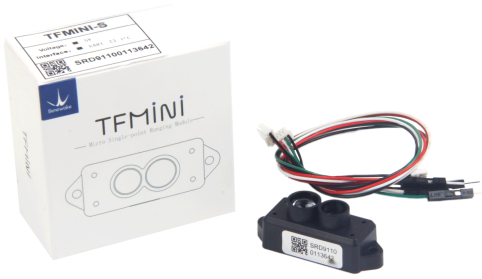
ToF method is used to calculate the phase difference between the emitting and reflected rays to measure the distance. The accuracy is ±6cm for 0.1-6m range and ±1% for the 6m-12m range.

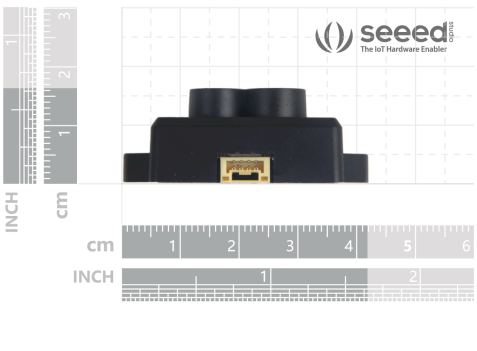
03 **Selectable Interface**

I2C and UART interface for developers to choose from.

Product Gallery







Resource Links

- https://www.seeedstudio.com/TFmini-S-LiDAR-module-Short-Range-ToF-LIDAR-Range-Finder-p-4425.html

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