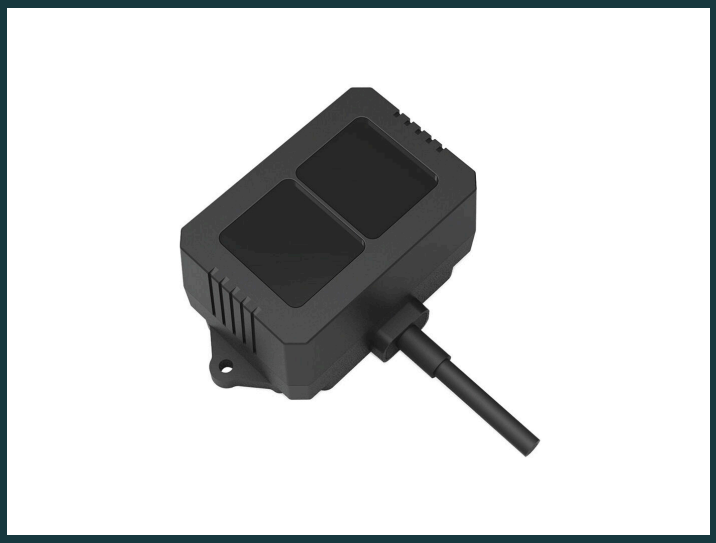
seeed studio

INDUSTRIAL PRODUCT DATASHEET

TF02-i LiDAR - Distance Sensor (40m) with CAN Interface

TF02-i LiDAR is an industrial-grade medium-range distance sensor.

SKU	UPDATED	PRICE
101090021	2026-11-11 08:38:06	$129.00(Excl. VAT)



Overview



TF02-i LiDAR is an industrial-grade medium-range distance sensor. Its maximum detection range can reach up to 40m and it has an adjustable frame rate with a maximum of 1KHz. It has a PC/ABS/PMMA enclosure with IP65 water and dust resistance. It supports a wide range of input voltages (7-30V) with reverse protection to protect the internal circuit. Multiple built-in operating modes are included for the users to change their parameters and configurations to meet different applications.

Key Features

01 Compact size (69mmx41.5mmx31.5mm (L*W*H))

02 Medium range detection (up to 40m)

03 Adjustable frame rate with a maximum of 1KHz

04 Multiple configurable baud rates

05 Communication using CAN interface

06 Wide range of input voltages (7-30V) with reverse protection

07 PC/ABS/PMMA enclosure with IP65 water and dust resistance for industrial applications

Product Gallery



Applications

- Vehicle collision avoidance and safety warning systems
- Traffic flow statistics
- Camera trigger
- UAV assisted takeoff and landing

Resource Links

- https://www.seeedstudio.com/TF02-i-LiDAR-Medium-Range-Sensor-CAN-Interface-p-4911.html
- Datasheet
- User Manual
- 3D File

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