TFMini - Micro LiDAR Module

**DESCRIPTION**

- Input Voltage: 5V
- Average Power: ≤120mW
- LED Peak Current: 800mA
- UART TTL Voltage: 3.3V
- Baud Rate: 115200 8N1
- Resolution: 5mm
- Minimum Detected Object Size at 2m: 20mm
- Operating Wavelength: 850nm
- Signal Acceptance Angle: 2.3°

**Tags**

- INFRARED
- LASER
- LIDAR
- PROXIMITY
- SENSOR
- TFMINI
- TOF

**TFMini - Micro LiDAR Module Product Help and Resources**

**TUTORIALS**

TFMini - Micro LiDAR Module Hookup Guide

**APRIL 13, 2018**

The TFMini is a ToF (Time of Flight) LiDAR sensor capable of measuring the distance to an object as close as 30 cm and as far as 12 meters! The TFMini allows you to integrate LiDAR into applications traditionally reserved for smaller sensors such as the SHARP GP-series infrared rangefinders.
Customer Reviews

🌟🌟🌟🌟🌟 5 out of 5

Based on 3 ratings:

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Currently viewing all customer reviews.

⭐⭐⭐⭐⭐ UART is the best!
about 2 months ago by Member #215264  🔄 verified purchaser
Sensor used online here https://www.serveurperso.com/?page=robot

⭐⭐⭐⭐⭐ Best small rangefinder ever!
about 2 weeks ago by Member #146957  🔄 verified purchaser
These are great, easy to use, reliable, and they read very consistently, even outdoors. Be careful not to stress the connector by pulling on the wires or bending the connector. I broke one off doing this. The force wasn’t that much, but over a few days it was too much for it. My fault though, not the TFMini. The only real downside with the TFMini is that it is serial, not I2C. But, the Rx pin (on the TFMini) isn’t strictly needed, so you can get away only one data pin.