

# Crazyflie-Z-ranger v2 deck

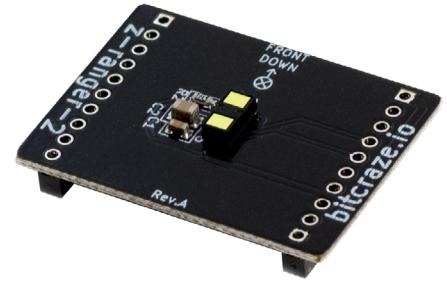
## Product Overview

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## Description

Seeed Studio Crazyflie-Z-ranger v2 deck uses a laser sensor to measure the distance to the ground and adds the possibility to fly with precise height control. This device uses the ToF sensor VL53L1x to measure the distance from the sensor to a ground object at up to 4 meters. The Crazyflie-Z-ranger v2 deck features 1-wire memory for automatic expansion deck detection.



## Features

- Fast, accurate distance ranging
- Measures absolute range up to 4 m
- Eye-safe

## Specifications

- VL53L1x ToF sensor to measure distance up to 4 meters within a few millimeters (depending on surface and light conditions).
- 1-wire memory for automatic expansion deck detection
- 1.6g weight
- 21mm x 28mm x 4mm size (WxHxD)
- Designed for mounting under the Crazyflie 2.X

## Mouser Part Number

[View Part](#)

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