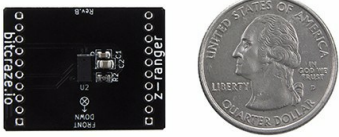


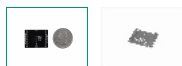
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Crazyflie 2.0 Z-ranger deck board

SKU 114991072



Uses a laser sensor to measure the distance to the ground and adds the possibility to fly with precise height control. Using the ToF sensor VL53L0x the Crazyflie 2.0 can measure the distance from the sensor to a ground object at up to 2 meters.



IN STOCK 10 Available

Qty:

− 1 +

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Description

The Z-ranger deck uses a laser sensor to measure the distance to the ground and adds the possibility to fly with precise height control. Using the ToF sensor VL53L0x the Crazyflie 2.0 can measure the distance from the sensor to a ground object at up to 2 meters.

Features

- Fast, accurate distance ranging
- Measures absolute range up to 2 meters
- Eye safe

Specification

- VL53L0x ToF sensor to measure distance up to 2 meters within a few millimeters.
- 1-wire memory for automatic expansion deck detection

Mechanical specifications

- Weight: 1.6g
- Size (WxHxD): 21x28x4mm
- Designed for mounting under the Crazyflie 2.0

See More ▾

Questions and Answers

Have a question about this? Ask people who own it.



Recommendations



Crazyflie 2.0 - LED-ring Expansion Board



Crazyflie 2.0 - Breakout expansion board



Crazyflie 2.0 - male expansion...



Crazyflie 2.0 - BigQuad Deck



Crazyflie 2.0 - Spare 7x16 mm...



Crazyflie Nano Quadcopter - 4 x...



Crazyflie 2.0 - Prototyping expansion...



Crazyradio PA - long range 2.4Ghz USB...



Crazyflie Micro SD Card Deck

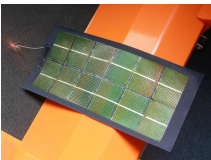


Crazyflie 2.0: 4 x spare 7 mm motor...



Crazyflie 2.0

View History



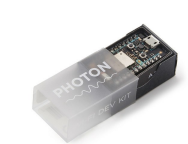
5W CIGS Solar Cloth



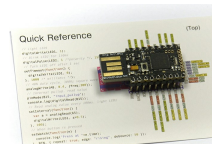
BLEBee v2.0.0



96Boards UART



Particle Photon



Espruino Pico (pinned)

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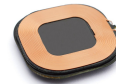
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Grove - Gesture



Crazyflie 2.0 - Qi inductive charging...



Crazyflie 2.0 - Female expansion...



Crazyflie 2.0 debug adapter kit



Crazyflie2.0 - Battery holder...



Base Shield V2



Crazyflie Nano Quadcopter - 6x15 mm...



Grove - I2C Motor Driver

ReSpeaker Pro Case

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