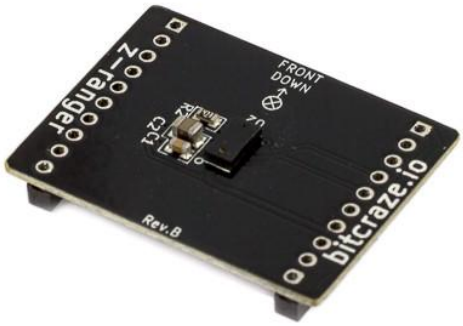
Z-ranger deck

SKU: 114991072

The Crazyflie™ Z-ranger deck uses a laser sensor to measure the distance to the ground and adds the possibility to fly with precise height control.



This product has reach end-of-life and is not longer being manufactured. Stock might still be available in our online store or though retailers, but it's not recommended to be used for new set-ups.

1. Introduction

Using the ToF sensor VL53L0x the Crazyflie 2.X can measure the distance from the sensor to a ground object at up two 2 meters.

2. Features

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

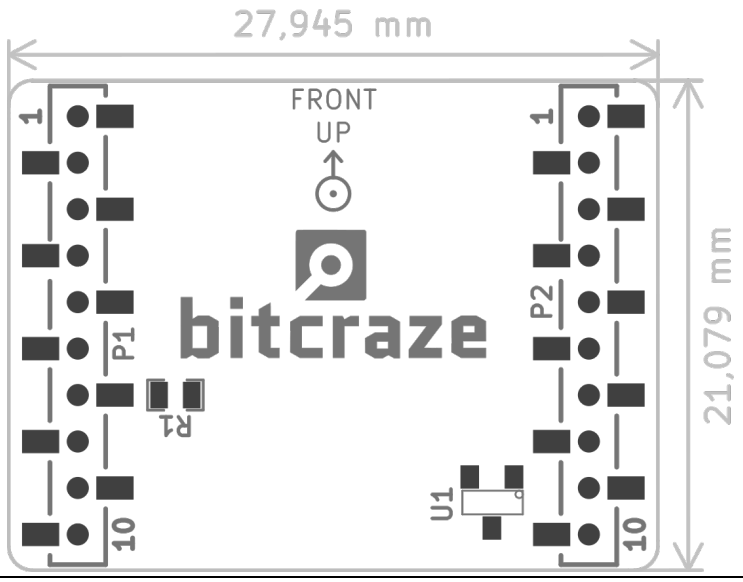
3. Electrical specification

- VL53L0x ToF sensor to measure distance up to 2 meters within a few millimeters (depending on surface and light conditions).
- 1-wire memory for automatic expansion deck detection

4. Mechanical specifications

- Weight: 1.6g
- Size (WxHxD): 21x28x4mm
- Designed for mounting under the Crazyflie 2.X

5. Mechanical drawing



6. Package contents

- 1 x Z-ranger deck

7. Errata

8. Hardware revisions

Revision	Comment
B	Initial release

9. History

Version	Comment	Date
1	Initial release	2020-04-01