



Crazyflie-Flow v2 deck

SKU 114991549



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VL53L1X

SENSOR

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The Flow deck gives the Crazyflie 2.X the ability to detect its motions in any direction. The VL53L1x ToF sensor measures the distance to the ground with high precision and the PMW3901 optical flow sensor measures movements of the ground. This creates a flying 3D robot that can be pre-programmed to fly distances in any direction or act as an aid for beginners as it creates a very stable flying platform.

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Try watching this video on www.youtube.com, or enable JavaScript if it is disabled in your browser.

Features

- Fast, accurate distance ranging
- Measures absolute range up to 4m
- Eye-safe
- Measures horizontal movement
- Creates a 3D robot that can be pre-programmed
- Aided flight

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
- PMW3901 optical flow sensor (works best on matt surfaces)

Mechanical specifications

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

Compatibility:

See Compatibility Matrix

Part List:

1 x Flow v2 Deck

ECCN/HTS

ECCN	EAR99
HSCODE	9031900090
USHSCODE	9027904500
UPC	

Company

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