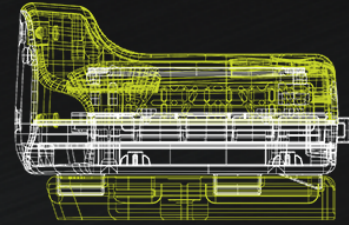


# EZSpeedBox Data Sheet



## 1. GENERAL

EZSpeedBox is a measurement device designed to measure the linear speed of a passing object. This could be the motion of—for example—a door, trunk, hood or tailgate on a vehicle.

## 2. MEASUREMENT AND FUNCTIONALITY

- Recording and registering the Momentary Speed
- Units: m/sec, mm/sec, ft/sec
- Range: 100 to 10000mm/sec
- Detection Volume: from 50mm to 150mm from the device.
- Uncertainty inferior to 5%.
- Resolution: 0.001 m/sec

## 3. SOFTWARE FUNCTIONS

- Tolerances: Upper Tolerance / Upper Warning / Lower Warning / Lower Tolerance
- LED feedback Green/Yellow/Red
- Real-time feedback to Speedbox Reader software
- Software output for Closed Loop Control System
- Language Support English, French, German, Spanish

## 4. COMMUNICATION

- Standard USB communication to controlling computer
- Stand alone Operation: High Contrast Display will show the results
- Easy to use and set up SpeedBox Reader software
- Multiple output options (File/TCP/IP/serial)
- Requires compatible software to establish communication with the device.

## 5. MOUNTING

- Use Quick Release for quick placement on and removal from the test stand. Quick Release can be bolted using the two mounting holes to guarantee the correct placement throughout the test
- Multiple quick mount bases can be available to equip multiple test stands

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## 6. ENVIRONMENTAL

- Operating Temperature: -40 to 80C
- Storing Temperature: -40 to 80C
- Humidity: Non-Condensing: 0 to 90%

## 7. POWER

- External power via USB B plug
- USB powered or via USB compatible power source 5VDC
- Standard 6ft USB A to B cable

## 8. DIMENSIONS

Device:

- HWL 69x112x128 mm
- 0.3 kg

Base Plate:

- HWL 17x82x140 mm
- <0.1kg
- Mounting holes spacing - 53 mm, D6.5 mm

Case Dimensions:

- 120x297x243 mm
- Weight - 1.7 kg

## 9. COMPLIANCE

- Complies with CE guidelines.
- Laser Class 2e
- Confirm to wireless regulation for measurement instruments.

### President and Co-Founder

Tom Van Esch



### President and Co-Founder

Carine Woldanski

