

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Transport Data Logger | TDL110

Transparency for your Supply Chain



PART NO | 0 273 600 024 001

By being attached to the shipment and measuring and recording relevant parameters like temperature, humidity, tilt, and shock, the TDL makes the delivery process of goods visible and traceable. These measurements are then documented and visualized through a mobile application. Since the limits of each parameter can be individually configured, any transgression of these limits is traceable and clearly assignable to the stations throughout the entire supply chain.

MEASUREMENT PARAMETERS









Shock

Humidity

Temperature

Tilt

APPLICATION ADVANTAGES

- Creates transparency within the entire supply chain
- Simplified configuration and visualization via mobile application
- ► Battery with a long lifetime resulting in less handling effort



DEVICE SPECIFICATION

- ► Dimension (L x W x H)
- ▶ Weight
- Power supply
- ▶ Battery lifetime
- ► Enclosure protection class
- ► Electrical protection class
- Measuring interval
- Memory capacity
- ▶ Certification

101.8 mm x 91 mm x 25 mm

100 g

CR 123A Lithium Battery, 1400 mAh

2 Years (10 min. measuring cycle, +25 °C)

IP 54

Ш

1 min ... 4 hours (selectable)

2 Years (15 min. measuring cycle, typical usage)

CE, FCC, ISED, SRRC, MIC, SIRIM, IMDA, ACMA, NTC, NBTC |

further on request

OPERATING CONDITIONS

Operating temperature range

- Storage temperature range
- ► Humidity range
- ► Shock / Acceleration range

-25 °C ... +80 °C

0 °C ... +40 °C

0 % rH ... 100 % rH (non condensing)

±8 g per axis

±13.8 g three-dimensional

ACCURACY

Temperature ± 0.5 °C (0 °C ... +60 °C)

± 1 °C (-25 °C ... +80 °C)

► Humidity ± 5 % rH typical

± 10 % rH maximum

(20 % rH ... 80 % rH at 25 °C)

► Shock / Acceleration ± 10 %



RESOLUTION

▶ Temperature 0.5 °C
▶ Humidity 1% rH
▶ Shock / Acceleration 0.1 g

COMMUNICATION

► Bluetooth Low Energy

▶ Range up to 40 m (dependent on external influences)

USER INTERFACE

► App

▶ Status LED

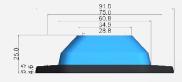
free smartphone application for configuration and data analysis indication of device status, battery level and communication

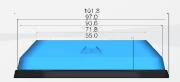
DELIVERY SCOPE

- ► Device & built-in battery
- Quick Start Guide
- ► Packaging unit consists of 10 devices

DIMENSIONAL DRAWING







GET IN CONTACT WITH US

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Play Store