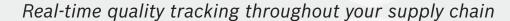
# **TDL Freight Guard | TDL140**





# PART NO | 0 273 600 043 001

Transport Data Logger Freight Guard (TDL140), is the solution for bringing transparency into the whole supply chain. To prevent concealed damages or misdirected shipments, internal sensors enable a 24/7 condition monitoring for critical shipments. TDL Freight Guard is your real time tool to track assets, shipments and goods in transit for creating customer trust with reliable information in every transportation mode. Reduce complexity with the Bosch TDL Freight Guard End to End solution and being actively informed about the shipment status.

## **MEASUREMENT PARAMETERS**









Shock

k Temperature

Location

APPLICATION ADVANTAGES

- ► The easiest way to implement real-time conditions monitoring Out of the box solution which includes global data plan, backend, mounting bracket and charger
- ► Real-time condition monitoring of your shipments and assets
- ► Integrated flight mode detection enables application for all transports modes



## **DEVICE SPECIFICATION**

► Dimension (L x W x H)

▶ Weight

► Power supply

Battery life

Measuring interval

Data transmission interval

► Location/Tracking

► Flight mode

Certifications

168 mm x 38 mm x 40 mm

216 g

rechargeable lithium battery, 5200mAh

300 days (1 report every 24 hours, +25°C)

90 days (1 report every 6 hours, +25°C)

30 days (1 report every 1 hour, +25°C)

1 hour ... 5 days (configurable for temperature)

1 hour ... 5 days (configurable for temperature)

GPS, GLONASS, A-GPS, cell location

Automatic (except in pressure-resistant packaging)

CE, RoHS, REACH, FCC, DO-160

Shock range

Acceleration range

► Light detection range

± 24 g per axis three-dimensional (event based) On/off (event based)



## **OPERATING CONDITIONS**

▶ Operating temperature range
Storage temperature range
-20°C ... +60°C
-40°C ... +60°C

## **ACCURACY**

► Temperature ± 1°C► Shock / Acceleration ± 20 %

## COMMUNICATION

Cellular communication

Penta Band

GSM/GPRS/EDGE/UMTS/HSDPA/HSUPA

## **USER INTERFACE**

▶ Backend

► Status LED

TDL Cloud - Web application which allows you to manage and monitor your devices

Indication of battery level, device and communication status

## **DELIVERY SCOPE**

- ▶ Device & built-in battery
- ▶ Data plan for 12 months
- Mounting bracket
- ► AC charger (230V to USB Micro-B)
- Operating instructions
- ► TDL Cloud access

## **GET IN CONTACT WITH US**

#### E-MAIL

support@bosch-connectivity.com

## **VISIT OUR WEBSITE**

www.bosch-connectivity.com

## TDL CLOUD

https://bosch-tdl.com









## **DIMENSIONS**

