

# TISPLUS TELEMATICBOX TRUCK 2

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## Telematics Data for TISLOG Mobile Devices

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The TISLOG solutions are characterized by the fact that all equipment used in the vehicle is 100% mobile. The acquisition of data from devices that are built into the truck (Digital Tacho) or from the on-board computer (via the FMS/ CAN interface) is now increasingly required. These interface functions are taken over by the TISPLUS telematicbox Truck 2, which is firmly connected by cable to the on-board units and is powered by the vehicle electrical system.

Fulfill your archiving obligations straightforward, even if your vehicles are on the road.

The TISPLUS telematicbox Truck 2 in connection with newer tachos also enables the remote download of data - easily and conveniently from your office. The mobility of TISLOG terminals is preserved, since the communication to the TISPLUS telematicbox Truck 2 is done wirelessly via Bluetooth®.

The connection is established automatically when the terminal is within radio range (about 10m) of the assigned TISPLUS telematicbox Truck 2. The assignment TISPLUS telematicbox Truck 2 - mobile device is flexible and easy to configure, so that equipment changes ( e.g. in springer vehicles ) are no problem.



### AT A GLANCE

- Communication with the mobile device via Bluetooth®
- Own microcontroller to control and monitor the communication and system functions
- Large memory for offline storage of important data
- The data is stored in non-volatile flash memory, and are also secured without power supply
- Real-time clock (matched with mobile device) for precise time marking of events while offline
- All models are equipped with a GPS receiver by default

### THE TISPLUS TELEMATICBOX TRUCK FAMILY INCLUDES

#### LOCATE

The TISPLUS telematicbox Truck 2 Locate is equipped with a powerful GPRS modem, and a GPS receiver. Thus, each vehicle can be located directly from the headquarters.

#### PREMIUM

The TISPLUS telematicbox Truck 2 Premium is the flagship of the TISPLUS telematicbox Truck series. It offers all the features of the TISPLUS telematicbox Truck 2 Plus combined with those of the TISPLUS telematicbox Truck 2 Locate. Advantage: For the data processing a mobile data terminal is no longer necessary.

# TISPLUS TELEMATICBOX TRUCK 2

## TECHNICAL SPECS

### DIMENSIONS AND WEIGHT

- 112 x 64 x 33 mm (L x W x H)
- ca. 150g

### CASING MATERIAL

- Plastic ABS-94VO, black RAL9005, IP44
- two lateral fastening straps

### CERTIFICATIONS

- FCC (Part15), e1

### POWER SUPPLY

- +8VDC ... +40VDC (typ. +24VDC over vehicle battery)
- internal monitoring of the supply voltage (option)

### INPUT VOLTAGE

- at 12V typ. 60mA / max. 80mA
- at 24V typ. 38mA / max. 43mA

### DISPLAY LEDs

- LED1 (red-green-yellow) Status display of the functions
- LED2 (red) GPS Sat-Fix

### INTERNAL MEMORY

- RAM 4Mbyte, FLASH 64Mbyte

### EXTERNAL IOs

- 2 optically isolated inputs and outputs each (optional)

### EXTERNAL UART

- RS232Interface RX / TX (Option)

### TEMPERATURE

- -20 to +70°C

### HUMIDITY

- 5 to 80%

### PLUG

- 8-pin MPC3 plug with locking

### DIGITAL TACHO

- Supports VDO DTCO 1381 and Stoneridge SE5000

### FMS CAN-BUS

- 2 Channels Full Speed 1MBPS CAN 2.0B, FMS 3.0 Protocol

### REMOTE DOWNLOAD (OPTION)

- Bluetooth®: Class 2, Specification V1.2, 2.5mW, max. 50m
- GPS: u-blox, 50 channels, GPS L1 frequency, C/A code, accuracy <2m
- GSM / GPRS: GSM 850/900/1800/1900MHz

### EXTERNAL SIM

- Exchangeable, self-locking SIM card holder

### ANTENNAS

- GPS with FAKRA antenna connector or internal antenna
- GSM / GPRS with FAKRA antenna connector