

telematicbox Truck

The telematicbox Truck is a module of the TISLOG solution and enables the provision of location of the vehicle, the acquisition of data from the digital speedometer and telematics data from the truck board computer via FMS / CAN interface. The telematicbox Truck is permanently connected to the onboard units via cables and is supplied with power from the on-board network.

With the telematicbox Truck you can easily archive the data from the digital speedometer by remote download. In addition, effective activities, driving times and rest times can be monitored.

In combination with TISLOG office, you get transparency about the location of your vehicles.

FAKRA antenna adapters and a preassembled cable set enable easy installation.

YOUR ADVANTAGE



- Overview of the lanes and current positions of your vehicles
- Telematics data for analysis and evaluation
- Tacho remote download
- Tamper-free data transmission



Technical Data

1. Mobile Radio / GNSS

- 4G connection with fallback to 3G and 2G network
- EGPRS class 12
- GPS/GLONASS/GALILEO

3. Ports

- Digital Input: 4
- Digital Output: 4
- Analog Input 4
- 1-Wire interface: 1
- RS 232: 2
- RS 485: 1
- CAN j1939: 2
- J1708: 1
- K-Line (Digitaler Tacho): 1
- USB: 2.0 Mini-USB
- Radiocommunication
- SIM: 2x SIM-Card (Dual-SIM)
- Memory: 2MB internal flash memory and external Micro SD card up to 32 GB

5. Characteristics

- Certification: CE, ECE
- Dimensions: 104 x 77 x 31 mm
- Operating temperature: -40°C bis + 85°C
- Storage temperature: -40°C bis +85°C
- Weight: ca. 197g
- Protection class: IP41

2. Performance characteristics

- STM32 processor
- 2 MB flash memory
- internal backup battery
- integrated acceleration sensor
- Status LEDs (Modem, GNSS)

4. Power supply and consumption

- Input voltage: 10V-30V, 2W max.
- Backup battery capacity: 550mAH (Ni-MH), 8,4V battery
- Power supply nominal: ~65 mA

6. Functions / Data

- FMS Data
- Positioning / lane tracking
- Evaluation of driving style
- Tacho remote download