

# TISPLUS TELEMATICBOX TRAILER

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## TISPLUS telematicbox Trailer

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The IP67 protected telematicbox is used for the continuous location of trailers. Thanks to the integrated rechargeable battery, a trailer can still be reliably located even after uncoupling.

While the trailer is docked, the box is continuously powered by the on-board voltage. Frequent location information can be sent, which is required, for example, for trailer detection in TISLOG office Infodesk.

In combination with TISLOG office Infodesk you finally get transparency about where your trailers are. With the add-on module "trailer identification" you can react early if a vehicle leaves the yard with the wrong trailer or you can see directly which trailer left or reached the yard.

### ITEM NUMBER

21-05-TRB-01	telematicbox Trailer
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### AT A GLANCE

- Overview of your trailers
- Maintenance-free
- investment protection
- Tracking shipments
- Higher transparency
- Planning support

# TISPLUS TELEMATICBOX TRAILER

## TECHNICAL SPECS

### CHARACTERISTICS (HARDWARE)

- Dimensions: 150 x 65 x 45 mm
- Operating temperature: -30°C to + 70°C
- Charging temperature: 0°C to +45°C
- Weight: ~220g

### MOBILE RADIO/ GNSS

- GSM/GPRS: Quad Band
- Receiver type: 48 channel GPS receiver
- Tracking sensitivity: -163 dBm
- Position detection time:  
GPS: Cold <34 sec; Hot 1 sec
- Position accuracy: 2.5m

### SOFTWARE

- Software Download Over The Air (DOTA)
- Device configuration: via TISLOG office Infodesk
- Geofencing (TISLOG office Infodesk)
- Roaming network support
- Event-based waking up: time and / or Motion controlled & states of inputs
- Event based reporting: Based on time, Duration, distance, angle changes and more
- Storage capacity for messages: ~ 20,000 (location data only)
- Data transmission types: GPRS & SMS
- 3-level watchdog system
- Detection of GSM jamming

### CHARACTERISTICS (HARDWARE)

- Robust and water-protected housing
- IP protection class: IP6K6K according to ISO 20653 for road vehicles
- Internal mobile and GNSS antennas
- Integrated acceleration sensor
- Robust SIM card reader (1.8 / 3V)
- Status display: 3 LEDs (GSM, GPS, battery)
- Assembly by screws; cable ties
- Approvals: E1; CE

### POWER SUPPLY AND CONSUMPTION

- External voltage range: 7V-32V
- Battery capacity: 660mAh (LiPro)
- Battery safety according to IEC 62133 for the
- Operating temperature range
- Typical consumption in energy-saving mode (internal Battery): 0.14mA
- Typical consumption in energy saving mode (external source): ~ 1mA (@ 12V)

### INTERFACES (HARDWARE)

- Ignition signal (on / off): 1x
- Digital inputs: 1x
- Analog inputs: 1x
- Digital outputs: 1x