# TAT100

## ASSET TRACKER WITH IP68 CASING AND EXTENDED BATTERY LIFE

**IP68**

TELTONIKA | Telematics

**TAT100**
ASSET TRACKER EASY
Rating: 10.8 V ⎓ 0.35 A Max
Internal Li-SOCl2 battery 10.8 V, 2200 mAh
Model name: TAT100-TAIBA

Made in Lithuania
Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania
www.teltonika-gps.com

CE UK EAC E57 10 R - 06 1428

MOUNT
THIS SIDE UP

| ROBUST | INGRESS PROTECTION | PERIODIC REPORTS AND WEEKLY SCHEDULER | OTA UPDATES |
|---|---|---|---|
| Robust, small and easy to install | Water and dust resistant for outdoor integrations (IP68) | Track on stop & in motion | Convenient OTA (over-the-air) updating through user-friendly applications |

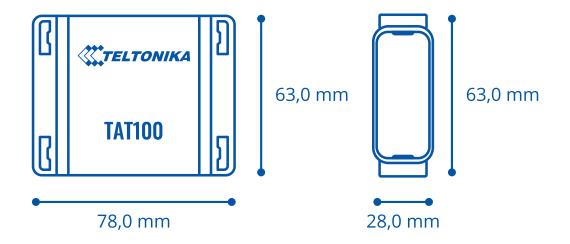VALUABLE ASSETS

TRAILER TRACKING

CONSTRUCTION EQUIPMENT

VEHICLE DOUBLE SECURITY

TOOL TRACKING

TAT100 is an advanced tracking solution with a 2G (GSM) compatibility.Equipped with a robust, practical and water-resistant (IP68) enclosure and different mounting accessories, the tracker is extremely easy to install and use. As it is developed on a low power Bluetooth chipset, long battery life provides endless possibilities in various use cases. With the features in hand, one can monitor non-powered assets, such as: construction equipment, tools, wire reels, elevators, and many more. On top of that, TAT100 serves as a backup vehicle tracker, or even as a stand-alone wireless tracker.klausimas apie teksto lygiavimą

63,0 mm

63,0 mm

78,0 mm

28,0 mm

## Product

| Model name | TAT100-TAIB0 | TAT100-TAIBA |
|---|---|---|

## Module

| Name | Teltonika TM2500 | Teltonika TM2500 |
|---|---|---|
| Technology | 2G(GSM/GPRS)/GNSS/BLUETOOTH | 2G(GSM/GPRS)/GNSS/BLUETOOTH |

## GNSS*

| GNSS | L1: GPS, GLONASS, GALILEO, BEIDOU, SBAS*, QZSS*, DGPS* AGPS* | L1: GPS, GLONASS, GALILEO, BEIDOU, SBAS*, QZSS*, DGPS*, AGPS* |
|---|---|---|
| Receive type | 33 tracking channel 99 acquisition channel | 33 tracking channel 99 acquisition channel |
| Tracking sensitivity | -165 dBM | -165 dBM |
| Position Accuracy | < 2.5 CEP | < 2.5 CEP |

*Optional modes available with custom firmware applications, for more information contact your sales manager.

## Cellular

| 2G bands | GSM: B2/B3/B5/B8 | GSM: B2/B3/B5/B8 |
|---|---|---|
| Data transfer | GSM (GPRS): Max. 85.6 Kbps (DL) / Max. 85.6 Kbps (UL) | GSM (GPRS): Max. 85.6 Kbps (DL) / Max. 85.6 Kbps (UL) |
| Data transfer | SMS (TEXT),  Network protocols (TCP,UDP,TLS,DTLS) | SMS (TEXT),  Network protocols (TCP,UDP,TLS,DTLS) |

## Power

| Battery | 2200mAh, 2S, extremely low self-discharge Li-SOCl2 batteries 7.2V, Non-rechargeable | 2200mAh, 3S, extremely low self-discharge Li-SOCl2 batteries 10.8V, Non-rechargeable |
|---|---|---|

## Bluetooth

| | | |
|---|---|---|
| Specification | 4.0 + LE | 4.0 + LE |
| Supported peripherals | EYE Sensors, EYE Beacons (recovery mode only), Universal BLE sensor support | EYE Sensors, EYE Beacons (recovery mode only), Universal BLE sensor support |

## Physical specification

| | | |
|---|---|---|
| Dimensions | 78 x 63 x 28 mm (L x W x H) | 78 x 63 x 28 mm (L x W x H) |
| Weight | 119g (with 2 cells battery) | 138g (with 3 cells battery) |

## Operating environment

| | | |
|---|---|---|
| Storage temperature (without battery) | TBA | TBA |
| Operating temperature (with battery) | -35 °C to +75 °C | -35 °C to +75 °C |
| Storage temperature (with battery) | -40 °C to +85 °C (Recommended max. 30°C) | -40 °C to +85 °C (Recommended max. 30°C) |
| Operating humidity | 5% to 95% non-condensing | 5% to 95% non-condensing |
| Ingress Protection Rating | IP68 | IP68 |
| Battery discharge temperature | -60 °C to +85 °C | -60 °C to +85 °C |
| Battery storage temperature | Recommended max. 30°C | Recommended max. 30°C |

## Interface

| | | |
|---|---|---|
| GNSS antenna | Internal High Gain | Internal High Gain |
| Cellular antenna | Internal GSM High Gain | Internal GSM High Gain |
| USB | 2.0 Micro-USB | 2.0 Micro-USB |
| LED indication | 2 LEDs | 2 LEDs |
| SIM | Micro-SIM | Micro-SIM |
| Memory | 128MB internal flash memory | 128MB internal flash memory |

## Features

| | | |
|---|---|---|
| Sensors | Accelerometer | Accelerometer |
| Scenarios | Enhanced tamper detection (coming soon), accelerometer wake up, GNSS and LBS, Bluetooth sensor support, Recovery mode, Periodic tracking on stop / on move, Scheduler with time zones, Backup tracking, Static navigation, Lost BLE sensor | Enhanced tamper detection (coming soon), accelerometer wake up, GNSS, Bluetooth sensor support, Recovery mode, Periodic tracking on stop / on move, Scheduler with time zones, Backup tracking, Static navigation, Lost BLE sensor |
| Sleep Modes | Single custom sleep mode | Single custom sleep mode |
| Configuration and firmware update | FOTA Web, Teltonika Configurator (USB) | FOTA Web, Teltonika Configurator (USB) |
| SMS | Configuration, Events, Debug | Configuration, Events, Debug |
| GPRS commands | Configuration, Debug | Configuration, Debug |
| Time Synchronization | GNSS, NITZ, NTP | GNSS, NITZ, NTP |

## Certification & Approvals

| | | |
|---|---|---|
| Regulatory | CE/RED E-Mark EAC UKCA UA.TR REACH | CE/RED E-Mark EAC UKCA UA.TR REACH |