

TAT100

ASSET TRACKER^{EASY}

ASSET TRACKER^{EASY} (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: vaccines, wire reels, tools, construction equipment, elevators, containers and many more.

BATTERY LIFETIME

1 report per day - up to 3 years *

ROBUST

Robust, small and easy to install

INGRESS PROTECTION

Water and dust resistant for outdoor integrations (IP68)

OTA UPDATES

Convenient OTA (over-the-air) updating through user-friendly applications

SCHEDULED RECORDS

Synchronized records sending and wake-up scenarios

VARIOUS MOUNTING OPTIONS

Magnetic mount, strap and additional holder mounting possibilities



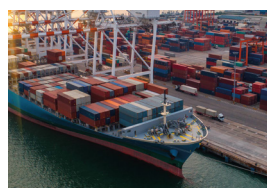
TRAILER TRACKING



VALUABLE ASSETS



CONSTRUCTION EQUIPMENT TRACKING



SEA CONTAINERS TRACKING



ANTI-THEFT & BACKUP SOLUTION

* Battery life estimates are influenced by many factors such as outdoor temperature, frequency of reporting, installation and orientation of the device, network coverage, additional functionalities (like Bluetooth scanning enabled) and more.

Hardware

Module	Teltonika TM2500
Technology	GSM/GPRS/GNSS
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Location Sources	GNSS, LBS
Receiver	33 channel
Tracking sensitivity	-165 dBm
Cellular	Quad-band GSM 850 / 900 / 1800 / 1900 MHz GPRS Multi-Slot Class 12 (up to 440 kbps) GPRS Mobile Station Class B
Power	Extremely low self-discharge Li-SOCI2 swappable battery, 7.2V 2200mAh (15,84Wh)
Antenna	GNSS antenna (Internal High Gain), GSM antenna (Internal High Gain)
Interface	Ultra-low-power Bluetooth BlueNRG-232 chipset, 2.0 micro-USB, Internal eSIM slot, 128 MB internal flash memory (220'000 records), "Reset" button
Sensors	Integrated Accelerometer
External	Bluetooth Sensors (up to BLE 5.0)

Software

Scenarios	Enhanced tamper detection, Accelerometer wake up, GNSS and LBS, Indoor Tracking, Bluetooth sensor support (Light, Temperature, Humidity, etc.), Recover mode, Manual Geo-fence, Movement detection, Scheduler with time zones, Tracking on stop / on move, Backup Tracking, Static navigation
Data sending	Main, Duplicate and Backup servers
Configuration and firmware update	FOTA Web (cloud based solution) Teltonika Configurator (USB)
Protocols	UDP/TCP/SMS
Security	Configuration password SMS login and password Authorized GSM numbers list

Physical specifications

Dimensions	78 x 63 x 28 mm (L x W x H)
Ingress Protection Rating	IP68

Certification & Approvals

Regulatory (pending)	CE(RED), EAC, RoHS, REACH
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