

TAT140 ASSET TRACKER^{PLUS} LTE

High-standard tracking of containers, construction equipment, furniture and other non-powered assets can now be achieved with the newest Teltonika Mobility solution. Our Asset Tracker is now available with the extension of PLUS LTE series. What does it mean? With the implementation of LTE you will be able to monitor your valuables almost everywhere in the world, since the technology boasts an extended network coverage and offers improved data transmission. The unit is perfect for assets that are on the move, as the device can operate in deep sleep mode and send reports or alarms in accordance with the pre-programmed configuration. Water-resistant case and convenient mounting contribute to the crucial features ensuring smooth monitoring of your assets.

BATTERY LIFETIME

Data sending up to 1000 records

ROBUST

Robust, small and easy to install

INGRESS PROTECTION

Water and dust resistant for outdoor integrations

OTA UPDATES

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

SCHEDULED RECORDS

Synchronized records sending and wake-up scenarios

VARIOUS MOUNTING OPTIONS

4 mounting options for an extremely easy installation



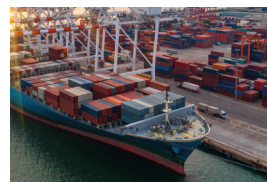
TRAILER TRACKING



VALUABLE ASSETS



CONSTRUCTION EQUIPMENT TRACKING



SEA CONTAINERS TRACKING



ANTI-THEFT & BACKUP SOLUTION

Hardware

Module	Teltonika TM2500, Optionally: Quectel LTE EG91- EX (CAT-1) (Europe, MEAA, Africa, CIS) Quectel LTE EG91- AUX (CAT-1) (LATAM, APAC) Quectel LTE EG91- NA (CAT-1) (North America)
Technology	GSM/GPRS/GNSS
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Receiver	33 channel
Tracking sensitivity	-165dBm
Accuracy	< 2.5m CEP
LTE-FDD	EG91-EX - B1/B3/B7/B8/B20/B28 EG91-AUX - B1/B2/B3/B4/B5/B7/B8/B28/B66 EG91-NA - B2/B4/B5/B12/B13
WCDMA	EG91-EX - B1/B8 EG91-AUX - B1/B2/B5/B8 EG91-NA - B2/B4/B5
GSM/EDGE	EG91-EX - B3/B8 EG91-AUX - B2/B3/B5/B8 EG91-NA -
Power	2S Li-SOCI2 7.2V 2200mAh internal low self-discharge battery
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	Accelerometer

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 server
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
Time synchronization	GNSS, NITZ, NTP

Physical specifications

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

Certification & Approvals

Regulatory (pending)	CE RED, FCC, IC, RCM, PTCRB, NTC
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