

TMT250

Teltonika TMT250 is an AUTONOMOUS personal tracker with GNSS, GSM and Blue-tooth connectivity. This mini tracker is designed for people, pets, car monitoring, employees control, sport events, etc. IP67 waterproof case ensures outside usage in harsh conditions, moreover large battery's capacity expand application range where long battery lifetime is needed. In addition to that, TMT250 supports hands-free, firmware and configuration update via Blue-tooth.

- Smart battery usage algorithm – long autonomous work - expand applications range
- IP67 – fully waterproof case - outdoor usage
- Man-Down – employees fall down detection – emergency help for lone workers



AUTONOMOUS TRACKER // TMT250





Alarm button

A big alarm button can save your life in the event of an accident, fall or in a case of emergency. Direct voice call or message sending via GPRS/SMS can be activated with a single press of the button.



Man-down

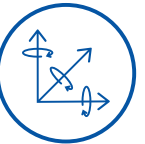
Used to detect employees, elderly people and lone workers falling down.

TMT250 can monitor user's vertical or horizontal position without any button press and immediately activate an alarm if configured position is changed.



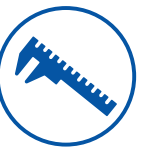
Certified IP67 case

Expand the usage limits of the device even more. TMT250 features a waterproof (IP67) case design which ensures increased protection against dust ingress and water.



Accelerometer & Gyroscope

Built-in accelerometer and gyroscope sensor for more accurate fall down trace data in order to avoid fake events.



Small casing

New modern design, small casing with big capacity battery – 800mAh. Dimensions only 44x43x20 mm. Such a device can be easily hidden and work for a long hours.



Blue-tooth

Integrated Blue-tooth enables wireless headset and various other Blue-tooth devices connectivity. Make phone calls to your employee via Blue-tooth headset. No unauthorized calls anymore! Be sure that your employee is always safe and uses hands free headset instead of phone!





Children tracking

Losing the sight of your kid is one of the scariest things in parenting. Fortunately, technologies have went so far, that you can keep track of your child anytime, whether they are going to a cinema or are on a school trip. With the help of our solution, not only keep track of them, but also provide child the possibility to call you instantly.



Assistance and control for elderly people

Take caring of your parents or older family members to the next level. If you have a relative that suffers from continuous memory losses or just have some troubles living by themselves, our solution will help to make your life easier and less stressful. You will be able to keep an eye on their movements and even create an invisible zone around preferred area. Once the person leaves this zone you will be automatically alerted.



Emergency help for lone workers

Nowadays, in many industries employees perform jobs that are carried out in isolation from other workers without close or direct supervision for long periods of time. In such cases, there is usually no one to help in case of an accident. That is where our solution steps in. Monitor, communicate and be alerted instantly in emergency situations.



Pet tracking

The demand of pet tracking been increasing ever since. Having a personal tracker not only allows the tracking your pet but it is also a great tool which send a notification when your pet leaves defined area. With our solution – follow the pet in real-time with our application or through mobile app.



For domestic violence prevention

Interrupting violence before it even started now is easier than ever before. Police officers are not able to watch convicted violence offenders 24 hours a day, but with our solution they would get a much needed assistance. In case an offender enters a zone near his victim, our solution can instantly inform about it police as well as the victim itself and appropriate actions can be taken afterwards.

TMT250 TECHNICAL DETAILS

GSM/GPRS features	Quad-band 900/1800 MHz; 850/1900 MHz GPRS Multi-Slot Class 12(up to 240 kbps) GPRS Mobile Station Class B SMS (text/data)
Blue-tooth	Blue-tooth specification V3.0 Blue-tooth transceiver compliant with Blue-tooth specification V3.0 for external peripherals: • Voice calls over Blue-tooth • Configuration via Blue-tooth • Blue-tooth sensors Low Energy Blue-tooth V4.0 Blue-tooth transceiver compliant with Blue-tooth specification V4.0 for external peripherals: • Beacons • Low power sensors
GNSS	Tracking: 33/99 acquisition channels -165 dBm sensitivity Hot start <1s Warm Start < 25s Cold start < 35s NMEA-183 protocol GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS Accuracy < 3m
Interface	Magnetic USB cable 2 configurable buttons Built in accelerometer/gyroscope Internal 800mAh battery Internal High Gain GNSS antenna Internal High Gain GSM antenna
Features:	Alarm button Man-down detection Auto Geofencing 50 Manual Geofence zones Over Speeding GPS Sleep/Deep Sleep/Online deep sleep modes Action on call feature Two - way communication over Blue-tooth headphones Real Time tracking Sending acquired data via GPRS (TCP/IP and UDP/IP protocols) Smart algorithm of GPRS connections for GPRS traffic saving Operating in roaming networks by preferred GSM providers list Events from I/O elements detection and sending via GPRS or SMS Authorized numbers Time synchronization over NTP and NITZ Offline tracking mode SMS/GPRS requests Firmware and configuration update via Micro USB/FOTA Configuration through SMS Smart data acquisition and power saving modes High Gain internal GNSS and GSM antennas 1 RGB status LED Dimensions 44x43x20 mm