

TMT250 & ANKLE HOLDER/STRAP

QUARANTINE & OFFENDERS' MONITORING SOLUTION

Our first wearable device which is designed for comfortable and adjustable wearing, Teltonika Quarantine Monitoring solution that is suitable for offenders' monitoring. Unit has an IP67 water resistant case which ensures outdoor and in-shower usage, have Tamper detection and Home Zone support, which means that you can get notifications if it was removed or after the person has left the Home Zone. In addition to that, it supports various Bluetooth tags and sensors which can increase the accuracy of the Home Zone.

HOME ZONE

Automatic zone support by Bluetooth beacons

ALARM BUTTON

Quick notification to call in case of emergency

TAMPER ALERT

Instantly sends the notification when the bracelet has been breached

ACCELEROMETER

Built-in Accelerometer sensor for more accurate data about movement

BLUETOOTH SENSOR SUPPORT

Additional sensors' support which increases the accuracy of the Home Zone

WATER RESISTANCE

Water resistant for use outdoors and in the shower



Hardware

Module name	TM2500
Technology	GSM/GPRS+GPS+BLUETOOTH (4.0 + LE)
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS
Receiver	33 channel
Tracking sensitivity	-165dBm
Accuracy	< 3 m
GNSS receiver start times	Hot < 1 s, Warm < 25 s, Cold < 35 s
Cellular technology	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Charging voltage	5V DC
Battery	800 mAh Li-Ion battery (3.04 Wh)
Power consumption	1,5 mA (Ultra Deep Sleep), 3,5 mA (Deep Sleep), 4 mA (Online Sleep), 8 mA (GPS Sleep), 44 mA (nominal)
Supported peripherals	Headset
Interface	2 Configurable buttons, GNSS antenna (Internal High Gain), Cellular antenna (Internal High Gain), 2.0 Magnetic USB contact, 1 RGB LED indicator, Micro-Sim, 128 MB internal flash memory

Software

Operating temperature	-25°C to +55°C
Storage temperature	-40°C to +70°C
Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP67
Sensors	Accelerometer
Scenarios	Man-Down, Alarm, Geofence, Action on Call
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, FMB Configurator (USB, Bluetooth)
SMS	Configuration, Events, Debug
GPRS commands	Configuration, Debug
Time Synchronization	GPS, NITZ, NTP

Physical specifications

*Weight and dimensions are subject to change

Dimensions	60 x 64 x 28 mm (L x W x H)
Weight	60 g

Certification & approvals

Regulatory	CE (RED), SAR (pending)
------------	-------------------------