



## Module

Module name	TM2500
Technology	2G (GSM/GPRS)/GNSS/BLUETOOTH® LE
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS
Receiver	33 channel
Tracking sensitivity	-165 dBm
Accuracy	< 3 m
Hot / Warm / Cold start	< 1 / < 25 / < 35 s
Cellular technology	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Charging voltage	5V DC with over-voltage protection
Battery	1050 mAh Li-Ion battery
Interface	5 Configurable buttons, GNSS antenna (Internal High Gain), Cellular antenna (Internal High Gain), 2.0 Micro-USB, 3 LED indicators, Micro-SIM, e-SIM possibility, 128 MB internal flash memory
Device operating temperature	-20 °C to +58°C
Device storage temperature	-20 °C to +60°C for 1 month; -5 °C to +30°C for 6 months
Device operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP30
Sensors	Accelerometer

## Software

Scenarios	Home Zone, Proximity Detection, Over speeding, Man – down, Alarm, Auto Geofence, Manual Geofence, Action on call, No-Movement Event, on Demand Tracking
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low Power Mode
Configuration and firmware update	FOTA WEB (cloud based solution), Teltonika Configurator (USB, Bluetooth wireless technology), Configuration through SMS
SMS	Configuration, Events, Debug
GPRS commands	Configuration, Debug
Time Synchronization	GNSS, NITZ, NTP

## Physical specification

Dimensions	93 x 64 x 10 mm (L x W x H)
Weight	80 g