

Product Specifications: Personal Safety Tracker (TMT250)

Features		
	Portal	Real time tracking supported by our own tracking platform
	Alarm button	Send out an alarm in an emergency
	Man-down detection	Automatically send alerts in a man-down event
	Sensors	Accelerometer
	Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
	Configuration and firmware update	FOTA Web, Teltonika Configurator (USB, Bluetooth®)
	SMS	Configuration, Events, Debug
	GPRS commands	Configuration, Debug
	Time Synchronization	GNSS, NITZ, NTP

Module		
	Name	Teltonika TM2500
	Technology	GSM/GPRS/GNSS/BLUETOOTH

GNSS		
	GNSS	L1: GPS, GLONASS, GALILEO, BEIDOU, SBAS*, QZSS*, DGPS*, AGPS* <small>* Optional modes available with custom firmware applications</small>
	Receiver	33 tracking channels 99 acquisition channels
	Tracking sensitivity	-165 dBm
	Position Accuracy	< 2.5 m CEP
	Hot start	< 1 s
	Warm start	< 25 s
	Cold start	< 32 s
	Velocity Accuracy	< 0.1 m/s (within +/- 15% error)

Cellular		
	Technology	GSM/GPRS
	2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
	Data transfer	GPRS: Max 107Kbps (DL)/Max 85.6Kbps (UL)
	Data support	SMS (text/data)

Power		
	Internal Back-up battery	800mAh rechargeable Li-Ion battery, 3,8V, 3.04Wh

Bluetooth technology		
	Specification	4.0 + LE

Interface		
	GNSS antenna	Internal High Gain
	Cellular antenna	Internal High Gain
	USB	4 pin magnetic USB Cable
	LED indication	1 RGB LED
	Buttons	2 configurable buttons
	SIM	Micro-SIM
	Memory	128MB internal flash memory

Physical specification		
	Weight	40 g
	Dimensions	44 x 43 x 20 mm (L x W x H)

Operating environment		
	Operating humidity	under 85% non-condensing
	Battery charge temperature	0 °C to +45 °C
	Battery discharge temperature	-20 °C to +58 °C
	Ingress Protection Rating	IP67
	Battery storage temperature	-20 °C to +45 °C for 3 months

Certification & approvals		
	Regulatory	CE/RED, EAC, Anatel, UKCA, RoHS, REACH