MOBILISIS®

SpotiTrack Plug

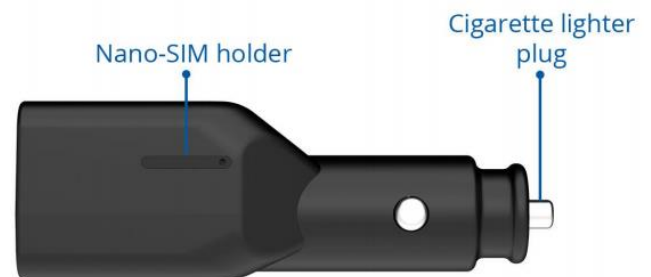## Vehicle monitoring device with vehicle socket connector

Features

- Simple to use, no need for a specialist to install it
- Private/business drive selection button
- Alarm status button
- ECO drive LED indication
- „Crash detection" using an accelerometer
- The internal battery can detect a power supply shut off
- USB TypeA for charging outer devices (5V/1A)
- For vehicles with 12V and 24V installation
- BLE module and 128 Mb internal memory
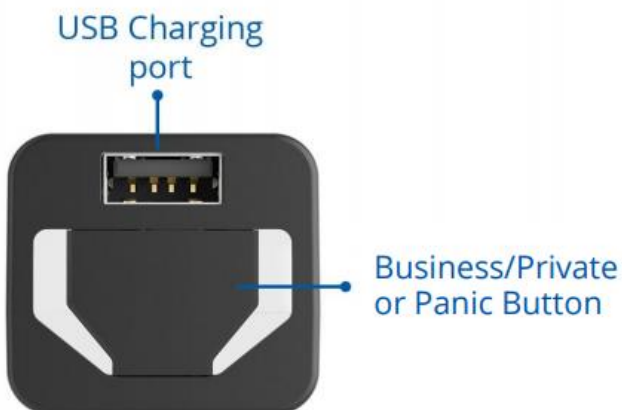

PLUG AND DRIVE

Product description

The FMP100 is a Plug'n'Play tracker with GNSS, GSM and Bluetooth connectivity and a cigarette lighter power connector for easy installation. It is ideal for tracking light vehicles in applications such as courier service for delivery, car rental and leasing, telematics insurance and many other applications, where simple integration is necessary. Bluetooth 4.0 LE gives this small device advanced tracking capabilities: different data readings from Bluetooth low-energy temperature and humidity sensors.
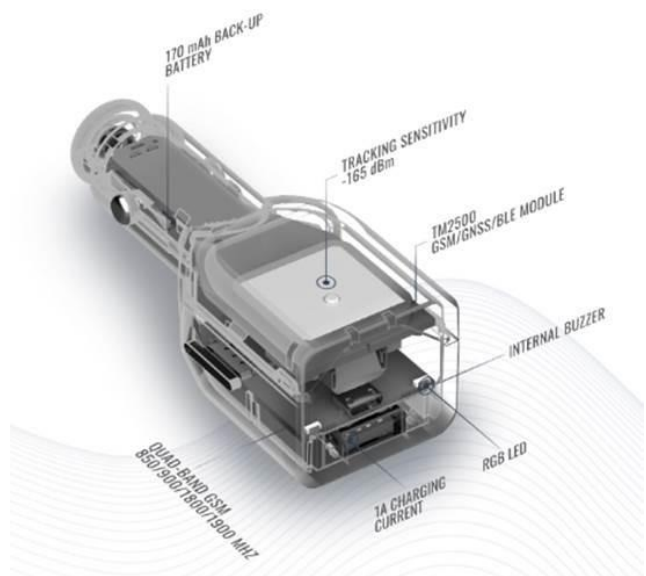

The size of the device of 98 mm does not interfere with the normal use of space around the lighter socket.

Functionality

Once you have occupied the cigarette lighter socket, you can charge your USB devices through the available USB 2 plug on the top of the device.

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MODULE

Name	TM2500
Technology	GSM/GPRS/GNSS/BLUETOOTH

GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
Receiver	33 channel
Tracking sensitivity	-165 dBM
Accuracy	< 2.5m CEP
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

CELLULAR

Technology	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Data transfer	GPRS Multi-Slot Class 12(up to 240 kbps)
Data support	SMS (text/data)

POWER

Supply voltage range	10 - 30 V DC with overvoltage protection
Back-up battery	170 mAh Li-Ion battery 3.7 V (0.63 Wh)

BLUETOOTH

Specification	4.0 + LE
Supported peripherals	Temperature and Humidity sensor, Hands-free headset, Inateck Barcode Scanner, Universal BLE sensors support

INTERFACE

Connection	Cigarette lighter socket
GNSS antenna	Internal High Gain
GSM antenna	Internal GSM High Gain
USB	1 x USB 2.0 Micro-USB for configuration 1 x USB type A for external device charging (5V 1A)
LED indication	RGB LED
SIM	Nano-SIM

Memory	128MB internal flash memory

PHYSICAL SPECIFICATION

Dimensions	96,7 x 33,4 x 27,5 mm (L x W x H)

OPERATING ENVIRONMENT

Operating temperature (without battery)	-40 °C to +85 °C
Storage temperature (without battery)	-40 °C to +85 °C
Operating humidity	5% to 95% non-condensing
Battery charge temperature	0 °C to +45 °C
Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months

FEATURES

Sensors	Accelerometer
Scenarios	Green Driving, Over Speeding detection, Jamming detection, GNSS Fuel Counter, Excessive Idling detection, Unplug detection, Towing detection, Crash detection, Auto Geofence, Manual Geofence, Trip
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, Teltonika Configurator (USB, Bluetooth), FMBT mobile application (Configuration)
SMS	Configuration, Events, Debug
GPRS commands	Configuration, Debug
Time Synchronization	GPS, NITZ, NTP
Ignition detection	Accelerometer, External Power Voltage