

START S-2013



USB
TYPE-C NANO
SIM



66x39x14 mm < 35 g



is a compact **2G GPS tracker** equipped with a backup battery, ensuring uninterrupted location monitoring even during power loss. Device has Bluetooth for convenient wireless setup and easy connection to various sensors and RS-485 interface, enabling seamless integration with LLS sensors.

Ultra-Compact Design You can install tracker even where you did not expect to see it	Fast Data Transmission Real-time data streaming	AES 128 Data encryption	Three-Axis Accelerometer Accurately measure and detect acceleration, movement and vibrations	Engine Hours Calculation According to device algorithm
Up to 4 BLE Sensors With custom parameters	Up to 3 Servers Simultaneous data transfer	200 V Overvoltage protection	Black BOX 25000 records	USB Type-C Configuration or operating mode
Flexible Power Saving Mode Custom setting of operating modes to optimize energy consumption	Bluetooth 4.0 For sensors connection and remote device set-up	RS-485 Up to 6 fuel level sensors	130 mAh Back-up battery	3 IN
			Unplug Detection	1 OUT

USEFUL FOR:



Motorbikes



Light Vehicles



Cargo Transportation



Fuel Management

TECHNOLOGY

GNSS/GSM/GPRS/BLE/Bluetooth

GNSS RECEIVER

GNSS	GPS, GLONASS, BEIDOU
Hot Start	< 1 s
Warm Start	< 22 s
Cold Start	< 29 s

CELLULAR RECEIVER GSM/GPRS

2G Bands	Class 4 (2W) in GSM 850 and EGSM 900 Class 1 (1W) in DCS 1800 and PCS 1900
Data Support	SMS (Text/Data)
Number of SIM	1
SIM Type	Nano-SIM

BLUETOOTH 4.0 + LE (Up to 4 BLE Sensors Support)

Supported Peripherals	Fuel Level Sensor, Temperature and Humidity Sensor, Axle Load Sensor, Tilt Angle Sensor, Headset, Universal BLE Sensors Support
All Sensor Parameters	Battery Charge, Signal Strength, etc.

POWER

Input Voltage Range	9,5 - 47 V DC with Overvoltage Protection up to 200 V
Back-up Battery	130 mAh Li-Po Battery (3,7 V)

PHYSICAL SPECIFICATION

Dimensions	65,5 x 38,4 x 14,3 mm (L x W x H)
Weight	35 g

INTERFACE

Digital Inputs	2
Analog Inputs (Configured as Digital)	1
Digital Outputs	1
RS-485 LLS	Compatible (Extended Range)
GNSS/Cellular Antennas	Internal
USB Interface	Type-C
Indication	3 Status LED Lights
Internal Flash Memory	25000 Records



FULL SPECIFICATIONS

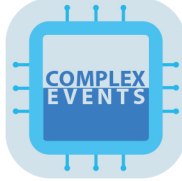
WHY SWITCH TO NAVTELECOM ECOSYSTEM?



Cloud service for remote control devices



Set up device via the Internet using a PC Configurator



Technology for creating personal algorithms for advanced devices



Mobile app for set up device. Bluetooth, Internet, USB connection are supported



Extended technical support