

SMART S-2433

is **advanced 2G GPS tracker** designed to seamlessly integrate with a wide range of additional equipment, enabling you to fulfill the special requirements of your customers.

Key features:

- **Connections to advanced transport monitoring equipment**, including tachographs, industrial MODBUS RTU sensors, refrigeration units, passenger flow counters, driver displays, RFID tag readers, tire pressure monitoring systems, and more.
- **Bluetooth connectivity**: Easily integrates with any BLE sensor.
- **Custom algorithms**: Powered by our "Complex Events" technology for special solutions.



Custom Scripts And integration of 3rd party peripherals using Complex Events	EcoDriving Driving style control with crash detection	AES 128 Data encryption	Tachograph Support Remote DDD file upload	Remote Operation With Fuel Sensors Setup and black box data retrieval
Up to 4 BLE Sensors With custom parameters	Up to 3 servers Simultaneous data transfer	Up to 5 hours Work after last charge	RS-232 For more compatible devices	1-Wire Driver ID and up to 8 temperature sensors
Internal High-Sensitivity Antennas GNSS/GSM	Bluetooth 4.0 For various sensors connection and remote device set-up	500 V Overvoltage protection	3 Universal IN	800 mAh Back-up battery
		RS-485 Up to 16 fuel level sensors	2 OUT	MODBUS RTU

USEFUL FOR:



Cold Chain Management



Emergency Services



Cargo Transportation



Car Sharing Taxi



Special Transport



Agricultural Machinery

TECHNOLOGY

GNSS/GSM/GPRS/BLE/TOOTH

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	Mini-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 500 V
Back-up Battery	800 mAh Li-Po Battery (3,7 V)

PHYSICAL SPECIFICATION

Dimensions	102 x 57 x 22 mm (L x W x H)
Weight	90 g

INTERFACE

Universal Inputs	3
Digital Outputs	2
1-Wire	
RS-232	
RS-485	
GNSS/Cellular Antennas	Internal
USB Interface	Mini USB
Indication	3 Status LED Lights
Internal Flash Memory	25000 Records



FULL SPECIFICATIONS

WHY SWITCH TO NAVTELECOM ECOSYSTEM?



DRC

Cloud service for remote control devices



RCS

Set up device via the Internet using a PC Configurator



COMPLEX EVENTS

Technology for creating personal algorithms for advanced devices



C

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



SUPPORT

Extended technical support