

SMART S-2435

is a **dual-SIM 2G GPS tracker with CAN interface**, designed for seamless connectivity to CAN line of the vehicle for data reading or integration with CAN protocol devices.

Key features:

- **CAN bus support:** Reads and decrypts up to 80 parameters or connects to CAN-based equipment.
- **Extensive compatibility:** Supports tachographs, MODBUS RTU sensors, refrigeration units, RFID readers, tire pressure monitors, and more.
- **Bluetooth connectivity:** Seamlessly integrates with BLE sensors.
- **Custom algorithms:** Powered by "Complex Events" technology to support unique workflows.



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

USEFUL FOR:



Public Transport



Mining & Construction



Agricultural Machinery



International Logistics



Stationary Objects



Dangerous Goods Transportation

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	2
SIM Type	Internal Nano-SIM, External 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	97 g

INTERFACE

Universal Inputs	3
Digital Outputs	2
1-Wire	
RS-232	
RS-485	
CAN	
GNSS/Cellular Antennas	Internal
USB Interface	Mini USB
Indication	3 Status LED Lights
Internal Flash Memory	51500 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