

SIGNAL S-2653

is **professional dual-SIM 2G GPS tracker** with external antennas for enhanced vehicle monitoring in poor network conditions and communication with the driver.

Key features:

- **Two-way communication:** Supports a tangent microphone for direct driver interaction.
- **Extended storage:** SD card support for more telemetry data.
- **Geofencing:** Create and manage custom zones for vehicle monitoring.
- **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.



2 CAN Interface For reading vehicle data and supporting additional equipment simultaneously	CAN Spy Toolchain for work with CAN bus	Bluetooth 4.0 For various sensors connection and remote device set-up	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	Two-Way Communication with Driver With tangent or speaker/microphone	Tachograph Support Remote DDD file upload	Remote Operation With Fuel Sensors Setup and black box data retrieval	1-Wire Driver ID and up to 8 temperature sensors
Up to 5 hours Work after last charge	AES 128 Data encryption	6 Universal IN	RS-485 Up to 16 fuel level sensors	800 mAh Back-up battery
Dual SIM	Up to 32 GB MicroSD Card	4 OUT	200 V Overvoltage protection	External antennas GNSS/GSM

USEFUL FOR:



Public Transport



Mining & Construction



Agricultural Machinery



International Logistics



Stationary Objects



Dangerous Goods Transportation

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	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 200 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	6
Digital Outputs	4
1-Wire	
RS-485	
2 CAN	
GNSS/Cellular Antennas	External
USB Interface	Mini USB
Indication	3 Status LED Lights
Internal Flash Memory	51500 Records
MicroSD Card Support	Up to 32 GB (1 GB = 2 000 000 Records)



FULL SPECIFICATIONS

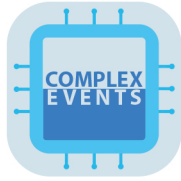
WHY SWITCH TO NAVTELECOM ECOSYSTEM?



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