

SMART SERIES

S-4535

Professional GPS trackers
with internal antennas

HIGHER SPEED

MORE STABLE
CONNECTION

MORE ACCURATE
NAVIGATION

4G



ADVANCED FUNCTIONALITY

Complex Events Blocks (CE Blocks)

Building flexible logic via
visual block diagrams

Complex Events Code (CE Code)

Writing custom C
programs for advanced
control

CAN Interface

For reading vehicle data
or supporting additional
equipment

CAN Spy

Toolchain for work
with CAN bus

Tachograph Support

Remote DDD file upload

1-Wire

Driver ID and up to 8
temperature sensors

Up to 4 BLE Sensors

With custom parameters

Remote Operation With Fuel Sensors

Setup and black box
data retrieval

Bluetooth (5.0 Compatible)

For various sensors
connection and remote
device set-up

ECO Driving

Driving style control
with crash detection

Up to 3 Servers

Simultaneous data
transfer

RS-232

For more compatible
devices

800 mAh

Backup battery

RS-485

Up to 16 fuel level sensors

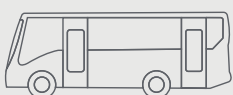
3 Universal IN

2 OUT

Dual SIM

MODBUS RTU

SOFTWARE AND SERVICE SUPPORT



Public
Transport



Mining &
Construction



Agricultural
Machinery



International
Logistics



Stationary
Objects



Dangerous Goods
Transportation

TECHNOLOGY

LTE CAT 1/GSM/GPRS/GNSS/BLUETOOTH

GNSS RECEIVER

GNSS	GPS, GLONASS, BEIDOU
Hot Start	< 1 s
Warm Start	< 30 s
Cold Start	< 35 s

CELLULAR RECEIVER GSM/GPRS/LTE

LTE-FDD Bands (E)	B1/B3/B5/B7/B8/B20
LTE-FDD Bands (SA)	B1/B2/B3/B4/B5/B7/B8/B28/B66
GSM (2G) Bands (E)	900/1800MHz
GSM (2G) Bands (SA)	850/900/1800/1900MHz
Number of SIM	2
SIM Type	External with Ejector - miniSIM, Internal - nanoSIM

BLUETOOTH (5.0 COMPATIBLE, UP TO 4 BLE SENSORS SUPPORT)

Supported Sensors and Peripherals	Fuel Level, Temperature and Humidity, Axle Load, Tilt Angle, Universal BLE , BLE by User Parameters, Headset
All Sensor Parameters	Battery Charge, Signal Strength, Tilt Angle, 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	98 g

INTERFACE

Universal Inputs	3
Digital Outputs	2
1-Wire	1
RS-232	1
RS-485	1
CAN	1
GNSS/Cellular Antennas	Internal
USB Interface	Mini USB
Indication	3 Status LED Lights
Internal Flash Memory	Over 100 000 Records



FULL
SPECIFICATIONS