

# SIGNAL SERIES

# S-4751

Professional GPS trackers  
with external 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 SPY

Toolchain for work  
with CAN bus

### CAN Interface

For reading vehicle data  
or supporting additional  
equipment

### CAN Scripts

Controlling vehicle  
systems through CAN  
commands

### 1-Wire

Driver ID and up to 8  
temperature sensors

### Up to 4 BLE Sensors

With custom parameters

### Tachograph

Remote DDD file upload

### RS-232

For more compatible  
devices

### Bluetooth (5.0 Compatible)

For various sensors  
connection and remote  
device set-up

### ECO Driving

Driving style control  
with crash detection

### Manual Geofences

### Two-Way Communication

### 800 mAh

Backup battery

### 6 Universal IN 4 OUT

### RS-485

Up to 16 fuel level sensors

### Up to 32 GB

### MODBUS RTU

### Dual SIM

## SOFTWARE AND SERVICE SUPPORT



Public  
Transport



Mining &  
Construction



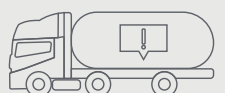
Agricultural  
Machinery



International  
Logistics



Stationary  
Objects



Dangerous Goods  
Transportation

TECHNOLOGY

LTE CAT 1/GSM/GPRS/GNSS/BLE/BT

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	105 x 78 x 20,5 mm (L x W x H)
Weight	87 g

INTERFACE

Universal Inputs	6
Digital Outputs	4
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
MicroSD Card Support	Up to 32 GB (1 GB = 2 000 000 records)

FULL  
SPECIFICATIONS

