



Posiloc

The POSILOC is an accurate tracking solution designed to equip embedded systems. Compact, it fits perfectly into any kind of vehicle environment, buses/coaches, trucks or special vehicles.

Composed of a high accuracy automotive GPS receiver, it integrates the dead reckoning function which guarantees the service continuity when satellites are no longer visible.

A high accuracy embedded compact GPS solution.

SPECIFICATIONS

- U-Blox dead reckoning GPS module: LEA-6R
- Integrated embedded gyroscope with temperature compensation
- RS232 COM Port
- SMA type antenna connector
- ISO/DIS 7637-1-2-3 vehicle 12/24V power supply with ignition management
- Input connector for power supply, odometer, ignition and reverse
- Protection fuse 1A
- Dimensions : 157x66x30mm
- Operating Temperature :-40°C/+65°C

POSILOC



TECHNICAL SPECIFICATIONS

GPS

Module

U-Blox Dead Reckoning GPS module: LEA-6R with 50 channels
Integrated gyroscope with temperature compensation

External antenna specifications

Active antenna with male SMA connector
Impedance: 50 ohms
Recommendations: minimum gain 15dB / maximum gain 50dB / 3.3V 50mA

INTERFACES

Serial Line

1 COM port RS232, with SUBD9 female connector

Input

Input connector, for power supply, odometer, ignition and reverse

ELECTRICAL SPECIFICATIONS

Automotive 12/24V power supply - ISO/DIS 7637-1-2-3 with ignition management
Fuse 5x20: T1AL250V

ENVIRONMENT

Operating temperature

-40°C to +65°C

Storage temperature

-40°C to +85°C

Operating humidity rate

10 to 90% without condensation

Storage humidity rate

5 to 95% without condensation

DIMENSIONS

157 mm x 66 mm x 30 mm

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