



LA-450 GPS Tracker

Application

The LA-450 tracker is designed to monitor the position of vehicles using satellite positioning systems and to transfer position, vehicle status and information from CAN bus to the monitoring center via GSM / GPRS cellular networks.

Characteristics



- ✓ ACC input (ignition - changes the operating mode of the device),
- ✓ 1 universal port, configurable as:
 - Digital Input, or
 - Analog Input (0-30VDC),
- ✓ 1-Wire interface,
- ✓ CAN-BUS digital interface,
- ✓ Built-in event and location data memory (30.000 slots),
- ✓ Vehicle battery protection (automatic disconnection of the transmitter at low battery voltage),
- ✓ Built-in GPS antenna (external is optional),
- ✓ Built-in GSM antenna,
- ✓ Built-in accelerometer (detection of slope changes and overloads),
- ✓ Programming connector - Micro USB,
- ✓ Built-in emergency battery,
- ✓ Universal control output type OC ($I_{max} = 300mA$),
- ✓ Possibility of remote device configuration (data transmission or SMS) and remote software update
- ✓ Eco-driving - built-in algorithms for the evaluation of a driver's driving style



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Technical specification

Technology	GSM/GPS/GNSS
Power supply	12/24V
Minimal power consumption	7mA
Average power consumption	40mA
Maximal power consumption	300mA
Temperature operating range	From -40C to +85C
Dimensions (Length Width Height)	67 x 50 x 20 mm
Programming connector	Micro USB (RS-USB converter required)
IP Enclosure Ratings	IP 30
GSM/GPRS antenna type	Built in
GPS antenna	Built in (optional external connector)
Number of external CAN bus	1
Ignition input	Yes
1-Wire interface	Yes
3D accelerometer	Yes
Car battery protection	Yes
SIM card type	Nano



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