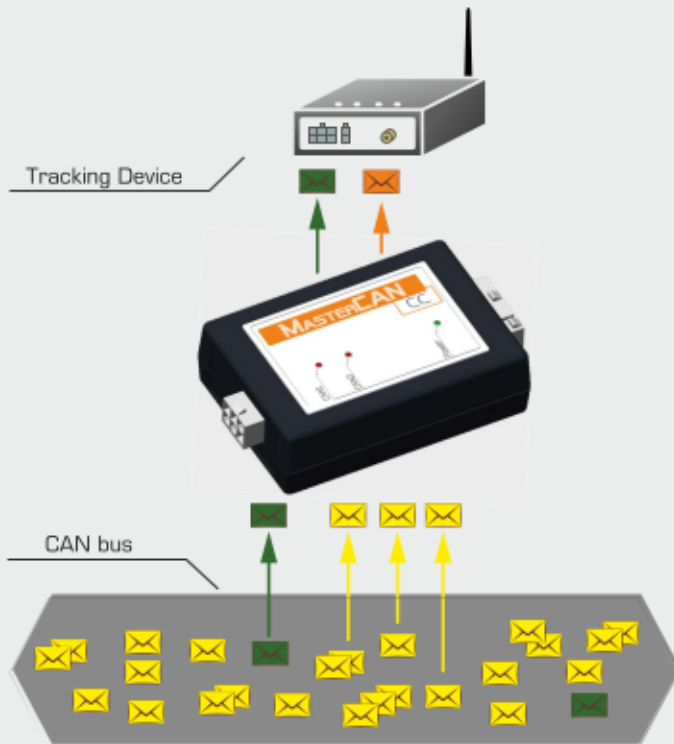




# MasterCAN Data converter

ADVANCED FUEL TELEMATICS

Purpose



Full range of vehicle operational data in a friendly format

- CAN bus (SAE J1939) and J1708 bus (SAE J1587) data reading;
- Selection of parameters and arranging them into messages easy to read and process on telematics terminals;
- CAN, RS-232, RS-485 output messages;
- Reading and totalizing data of several DUT-E CAN fuel level sensors and sending corresponding output message.
- Direct power supply.

- Telematics message
- FMS message
- SAE J1939/71 message



Specification

Supply voltage, V	10...45
Current consumption, mA	≤ 100
Operating temperature, °C	-40 ...+85
Overall dimensions, mm	94,5x58,5x24,5

Telematics

Telematics messages contain most essential vehicle operation parameters:

- engine speed
- instant fuel consumption
- trip fuel consumption
- engine temperature
- oil pressure
- engine torque
- coolant level
- oil level
- outdoor temperature
- fuel level
- used fuel
- engine operating time

Models

Model	Input interface (protocol)	Output interface (protocol)
MasterCAN CC	CAN (SAE J1939/71)	CAN 2.0B (SAE J1939/71)*
MasterCAN C 232/485	CAN (SAE J1939/71)	RS-232/RS-485 (ASCII/Modbus/DUT-E COM)*
MasterCAN V-GATE	CAN (SAE J1939/71) and J1708 (SAE J1587)	CAN 2.0B (SAE J1939/71)* and RS-232 (ASCII/Modbus/DUT-E COM)*

\* The list of messages and parameters should be specified separately