



Geneko OBD interface is a small-form factor OBD to RS-232 interface designed to read and forward vehicle OBD data to Fox tracking device and to the server. It can be connected to Fox Lite / Fox Advanced via serial port.

Fox tracking devices support reading of following OBD data:

- Vehicle speed
- Fuel level
- Engine fuel rate
- Engine RPM
- Engine coolant temperature
- Throttle position as accelerator pedal position
- Actual engine torque (percent)
- Intake manifold absolute pressure

Actual set of data depends on vehicle model and type.

Geneko OBD interface is compatible with all model year 1996 & newer cars and light transportation vehicles produced in Europe and the United States, and with some Asian vehicles. OBD-II legislation varies from country to country; therefore make sure that your vehicle is OBD compliant before making a purchase.

It is very easy to connect OBD interface to a vehicle and to the tracking device. OBD data can be read only when vehicle ignition is turned ON. When ignition is OFF Geneko OBD interface will go to sleep mode (to lower power consumption).

Technical specifications

Supported protocols

Support for all legislated OBD-II protocols:

- ISO 15765-4 (CAN)
- ISO 14230-4 (Keyword Protocol 2000)
- ISO 9141-2 (Asian, European, Chrysler vehicles)
- SAE J1850 VPW (GM vehicles)
- SAE J1850 PWM (Ford vehicles)

Support for non-legislated OBD protocols:

- ISO 15765
- ISO 11898 (raw CAN)

Support for the heavy-duty SAE J1939 OBD protocol.

Supported data

- Vehicle speed
- Fuel level
- Engine fuel rate
- Engine RPM
- Engine coolant temperature
- Throttle position as accelerator pedal position
- Actual engine torque (percent)
- Intake manifold absolute pressure

Connectors

- Car: SAE J1962 16-pin male connector
- Fox Basic/Lite 3.0: Mini USB A/B
- Fox Advanced: RJ45 plug

Dimensions and weight

- Dimensions (L x W x H): 43x30x22 mm
- Weight: 25 gr (W/out cable)

