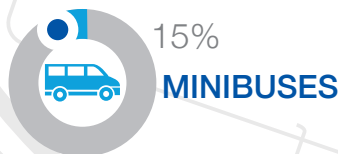
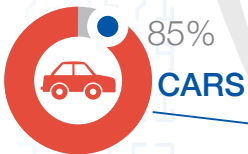




ADVANCED GPS MONITORING

BI 820 TREK (OBD)



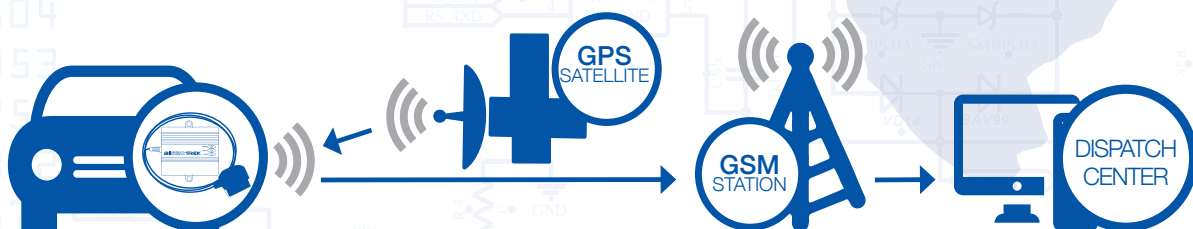
BI 820 TREK (OBD) is used for online vehicle GPS tracking and control with the connection to the board computer via OBD-II interface.

BI 820 TREK (OBD) determines the coordinates, speed, distance, and obtains data from board computer and sends all the information to server via GPRS.



- ✔ The device provides high-quality tracking, control of ignition and reading data from the board computer of the vehicle. The number and type of parameters depends on car model.
- ✔ Connection is made to the OBD-II connector via 1m cable.
- ✔ Built-in battery allows operate up to 8 hours without the external power.
- ✔ Device stores up to 65000 records (several weeks) in offline mode without the GSM coverage and automatically uploads them to server when GSM appears.

- ✔ The case is made of fiberglass-reinforced and provides IP65 protection.
- ✔ Supports FOTA (firmware-over-the-air) - remote firmware upload and setting adjustments.
- ✔ Device utilizes open protocol and is compatible with many popular software.



Technical characteristics


Parameter	Characteristics
Data transfer	GSM 900/1800
Communication methods	GPRS, SMS for settings
GPRS class	10
GPS and GSM antennas	Internal
Navigation system type	GPS/GLONASS/GALILEO/BEIDOU
Accelerometer	+
Protected power circuit	+
SIM-cards	1
Supply voltage	from 6V to 40V
Typical current consumption (12V)	60mA
Maximum current consumption (12V)	300mA
Internal nonvolatile memory	2MB (65 000 records)
Built-in battery	1 000mA
Operating temperature	from -30° to +80° C
Dimensions (W x L x H)	95 x 95 x 29 mm
Weight	208 g.
Ingress Protection	IP65



- Distance from the odometer
- Fuel level
- Fuel consumption
- Engine speed
- Vehicle speed
- Calculated engine load
- Coolant temperature
- The temperature of the intake air
- Absolute barometric pressure
- The position of the acceleration pedal
- Time elapsed from the start of the engine



2 YEARS WARRANTY



TECHNICAL SUPPORT



DEVICE HAS ALL THE DOCUMENTATION AND NEEDED CERTIFICATES



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