

**BI 820 TREK (OBD)**

85%  
**CARS**



15%  
**MINIBUSES**



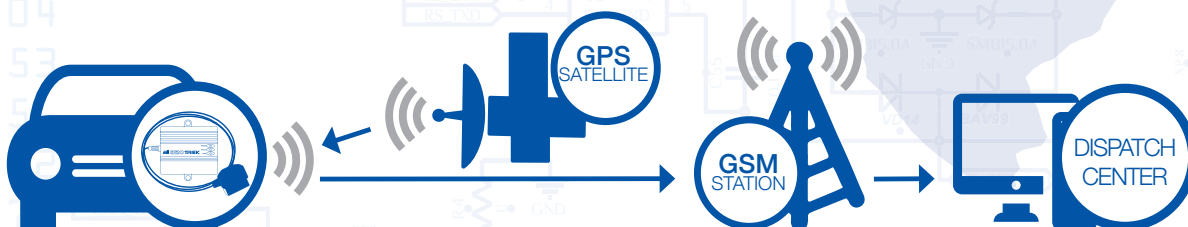
**BI 820 TREK (OBD)** is used for online vehicle GPS tracking and control with the connection to the board computer via OBD-II interface.

**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 12 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	12/24V
Typical current consumption (12V)	60mA
Maximum current consumption (12V)	350mA
Internal nonvolatile memory	2MB (65 000 records)
Built-in battery	1 000mA
Operating temperature	from -30° to +80° C
Dimensions ((L x W 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**



**PERSONAL  
MANAGER FROM  
SUPPLIER**

95-S Vidradniy avenue, Kyiv,  
Ukraine, 03061

tel.: +380 44 507 02 07

fax: +380 44 507 02 02

[sales@bitrek.com.ua](mailto:sales@bitrek.com.ua)

[www.bitrek.eu](http://www.bitrek.eu)

[www.bitrek.com.ua](http://www.bitrek.com.ua)

Official partner