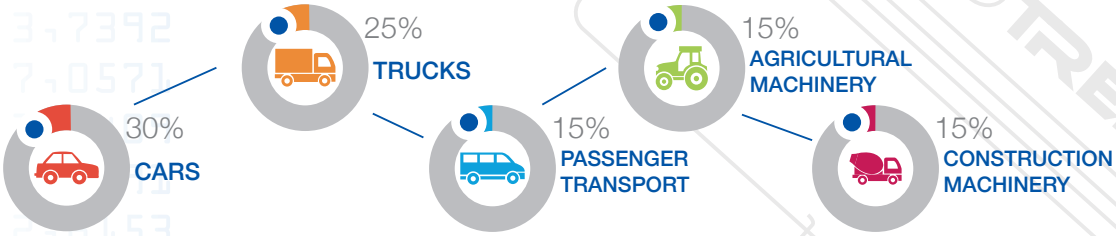
BITREK KEEP CONTROL

ADVANCED GPS MONITORING

BI 820 TREK



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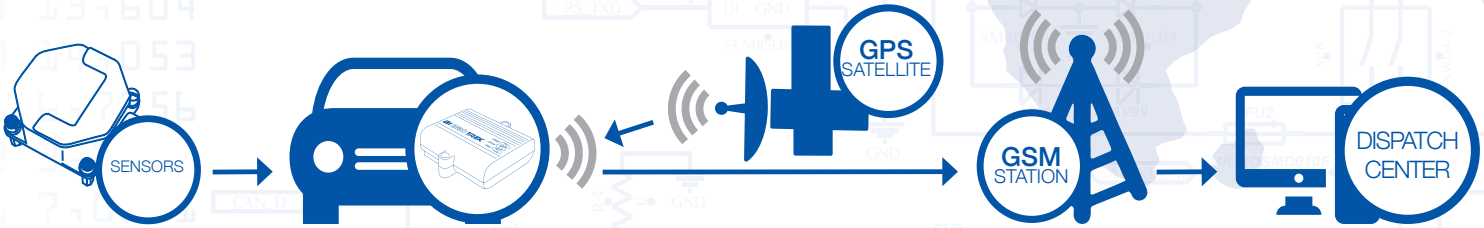
BI 820 TREK is used for online vehicle GPS tracking and control with the support of additional sensors connection.

BI 820 TREK determines the coordinates, speed, distance, and obtains data from additional equipment and sensors and sends all the information to server via GPRS.

- The device provides high-quality tracking, ignition control, fuel level sensors and other peripherals.
- 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.
- Compact size and protected power circuit allows device to be used in hazardous and harsh environment.
- The case is made of fiberglass-reinforced and provides IP65 protection.
- Able to connect additional equipment (sensors) through the protected circuit.
- Supports FOTA (firmware-over-the-air) - remote firmware upload and setting adjustments.
- Device has 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
Digital interfaces	RS 485 – 1 pc.
Accelerometer	+
Protected power circuit	+
SIM-cards	1
Digital inputs	2 (3 optional)
Digital outputs	1
Analog inputs	1 (2 optional)
Digital inputs voltage range	from 0V to 40V
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	175 g.
Ingress Protection	IP65

2 YEARS WARRANTY

TECHNICAL SUPPORT

DEVICE HAS ALL THE DOCUMENTATION AND NEEDED CERTIFICATES

PERSONAL MANAGER FROM SUPPLIER

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