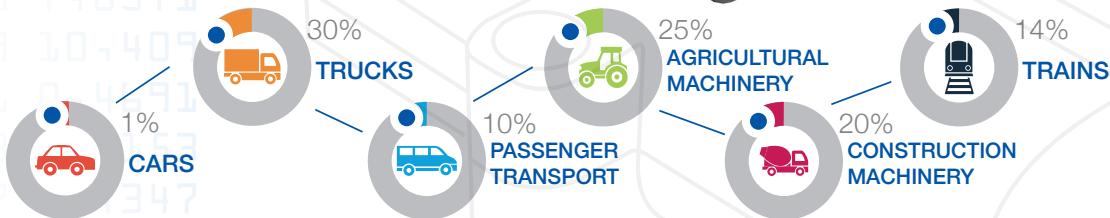


## BI 920 TREK

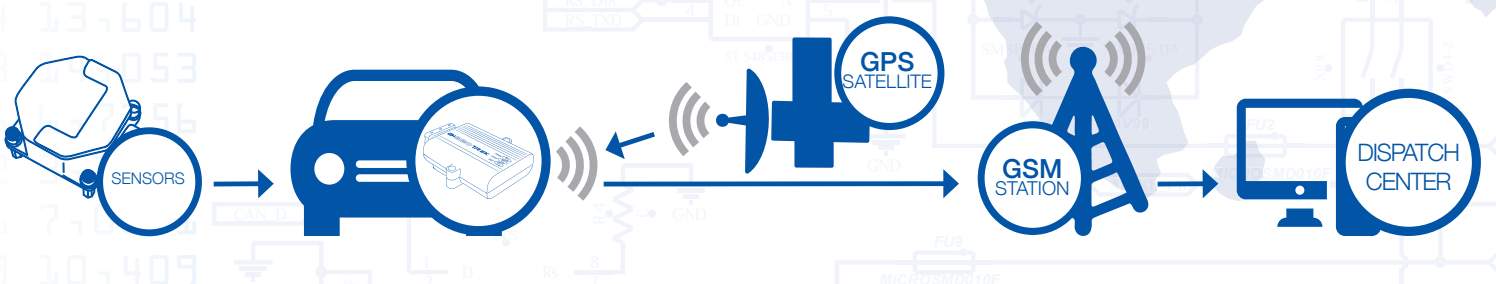


**BI 920 TREK** is used for online vehicle GPS tracking and control with the support of additional sensors connection.

**BI 920 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.
- ✔ Direct connection to CAN bus of the vehicle via FMS-protocol.
- ✔ Низька вартість при збереженні всіх можливостей та функцій преміум-моделі BI 910 TREK, виключаючи підтримку 2-х SIM-карток.
- ✔ Built-in battery allows to 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.
- ✔ The device is equipped with a hermetic connector for industrial usage with the highest protection IP68.
- ✔ 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, voice
GPRS class	10
GPS and GSM antennas	Internal
Navigation system type	GPS/GLONASS/GALILEO/BEIDOU
Digital interfaces	RS 485 – 1 pc., 1Wire – 1 pc., CAN (FMS) – 1 pc.
Accelerometer	+
Protected power circuit	+
SIM-cards	2
Digital inputs	6
Digital outputs	2
Analog inputs	2
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)	125 x 95 x 29 mm
Weight	200 g.
Ingress Protection	IP65




**2 YEARS WARRANTY**



**TECHNICAL SUPPORT**



**DEVICE HAS ALL THE DOCUMENTATION AND NEEDED CERTIFICATES**



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