



Bluetooth

Integrated Bluetooth 4.0 LE allows usage of various wireless sensors and grants compatibility with previously available Bluetooth V3.0 features like device configuration, firmware update, headset support. Retrieve temperature and humidity information from Bluetooth sensors without the need of wired connection – reduce installation costs. Save on fuel by reducing aggressive driving, increase your driver safety and reduce the number of driving-related incidents with Android application BTAPP.



Internal battery

Feel safe when vehicle is monitored by device with internal battery. When vehicle battery is disconnected, device still remains online and sends data to server.



Advanced antitheft system

Prevent your vehicle from theft with advanced antitheft functionality. Combine Auto Geofencing with new Towing detection functionality.



Smart Crash detection

Ensure safety of Your employee with smart Crash detection. Get alarm message immediately after accident, save workers life!



1-Wire

1-wire protocol support enables driver identification and connection of up to 4 temperature sensors. According to iButton or RFID ID you can prevent unauthorized access to your fleet. Also temperature sensors allows monitoring of your cargo.



Waterproof (IP67) case

IP67 protection class means that device is waterproof and 100% protected against solid objects like dust or sand. Such casing allows you to mount tracker to water transport, motorcycle or other transport with trust.

FMB202 USE CASES



Water transport

It might seem that motorboats, ships or personal water crafts are items of luxury, but nowadays more and more people are acquiring such type of technology. To ensure safety we can offer you usual tracking solution designed for water transport.



Motorbikes

In urban cities motorcycles can get you into places where other vehicles cannot, it might be fastest means of transportation during traffic hours. This commodity has one disadvantage – it is an easy target for thieves. In most cases quick reaction to theft attempt could save your valuable asset. With our solution you will always have current location, receive warnings if motor bike is being moved or if tracker was disconnected from battery.



Construction & mining

Probably most important aspect of construction machinery management is fuel consumption data. Powerful cranes and high capacity concrete mixers compared to light vehicles, use huge amounts of fuel during short periods of time – high chance of fuel theft if work time is accounted only on paper. Take full control of your fleet, workers and resources.



Delivery transport

Quick and professional distribution of goods is the key to profit in delivery business. Route optimization can reduce your fuel expenses up to 30%; driver identification and behavior monitoring ensure high delivery standard and traceability, if any complaints need to be investigated. Gain full control of your fleet and resources with our solution.



Insurance telematics

Main reasons for insurance pay outs are car accidents and thefts. There have been at least 7 million cases of stolen vehicles around the world every year and this number keeps growing every day; figures in traffic accident statistics are even greater. Real time tracking, warnings when theft attempt or crash is detected, with possibility to trace accidents – all this to determine culprit and reduce expenses when unforeseen event occurs.

FMB202 TECHNICAL DETAILS

Features

Online Deep Sleep mode for constant connection with server
 Firmware and configuration update via GPRS (FOTA)
 3 operational modes (Home, Roaming, Unknown) based on operator
 Time synchronization by NTP (Network Time Protocol) if GNSS signal is absent
 Time synchronization by NITZ (Network Identity and Time Zone) if GNSS signal is absent
 Integrated scenarios:

- Over speeding to secure driver and prevent penalties
- Immobilizer function
- Authorized driving (1-Wire® iButton® ID keys up to 50 iButton® keys) use to prevent stealing or indicate drivers
- GSM jamming detection
- Excessive Idling detection
- DOUT control via call
- Trip start and end detection

Bluetooth® scenarios:

- Voice calls over Bluetooth®
- OBDII Bluetooth® dongle
- Data link mode over Bluetooth®
- Bluetooth® sensors

