Ferguson.CarAssistant
car-assistant.pl
FMB010

Functions*

- Plug and follow
- Small and easy to install device - directly to the car OBDII connector
- Internal GSM and GNSS antenna allowing for easier (without external antennas) mounting
- Real-time tracking
- Intelligent data collection based on time, distance, angle, ignition, speed
- Sending the data obtained via GPRS (TCP/IP and UDP/IP protocols)
- Works in roaming networks
- Current speed
- Over speeding alarm
- Theft alarm
- Information on battery voltage
- Information on switching the ignition on/off
- Battery voltage drop alarm
- Power failure alarm - sabotage
- Alarm for detection of a possible collision
- A reminder about the review
- Reminder about an insurance policy
- Navigation to the vehicle
- Counter of kilometers traveled
- Route history (last 4 months)
- Private/business travel
- Route mapping
- Online application
- Integrated scenarios:
  - *Excessive speed* to protect the driver and prevent punishment

* Functions dependent on the purchased package - more information on the website http://car-assistant.pl

Description

Ferguson Car Assistant is an alarm system consisting of a small electronic device and a free application on the phone. The sensor is mounted in your vehicle and connected to the power supply. It has a permanent remote connection to the server and the application over the cellular network. Thanks to it, the user receives a number of functions, eg a theft alarm with a map or an accident detection system informing about a possible collision. The map and navigation will also help find your vehicle left in the parking lot or in a foreign city.

Ferguson Car Assistant is an easy-to-use, real-time tracking GPS position monitor with GNSS and GSM connectivity, which is able to collect device coordinates and other useful data for transmission through the GSM network to the server.

This device is perfectly suited for applications where it is required to obtain locations of distant objects: fleet management, car rentals, taxi companies, passenger cars and so on.

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Technical Specifications

Modem
- Name: Teltonika TM2500
- Technology: GSM/GPRS/GNSS

GNSS
- GNSS: GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
- Receiver: 33 channels
- Tracking sensitivity: -165 dBM
- Accuracy: <3 m
- Hot start: <1 s
- Warm start: <25 s
- Cold start: <35 s

Communication
- Technology: GSM
- 2G band: quad band 850/900/1800/1900 MHz
- Data transfer: GPRS Multi-Slot class 12 (up to 240 kbps)
- Data support: SMS (text/data)

Power
- Input voltage range: 10-30 V DC with overvoltage protection
- Backup battery: 170 mAh 3.7 V Li-Ion battery (0.63 Wh)

Interface
- Digital inputs: 1
- Connector: ODBII socket
- GNSS antenna: internal high gain
- GSM antenna: internal high gain
- USB: 2.0 Micro-USB
- LED signaling: 2 device status LEDs
- Memory: 128 MB internal flash memory

Physical specification
- Dimensions (length x width x height): 50.7 x 49.6 x 25 mm
- Weight: 63 g

Operating environment
- Working temperature: from -25°C to +55°C
- Storage temperature: -40°C to + 70°C
- Operating humidity: 5% to 95% without condensation
- Degree of protection of the housing: IP41

Functions
- Sensors: accelerometer
- Scenarios: current speed, over speeding alarm, theft alarm, battery voltage, voltage alarm, power failure alarm - sabotage, accident alarm

Certifications
- Regulatory: CE/RED, E-Mark, EAC, RoHS, REACH

EAN: 4779027311722
Packaging: **xx pcs**

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Warning about a possible traffic collision

Too much overload or impact can be a signal that an accident has occurred. The system will alert you and selected people. You will also immediately see the location of the potential event on the map.

Warning against possible theft

Each time your car changes position without authorization, you will receive an alarm about possible theft. You will be able to follow your vehicle on the map.

Warnings and echoes

The system notifies too much of the battery voltage drop. The parental control function gives the possibility of warning about exceeding the set speed limit.

Reminders about important dates

We took care of other useful messages, including ones about upcoming inspection dates or scheduled visits to the car service. The system also makes sure that the insurance policy is renewed.

www.ferguson-digital.eu

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