



The EJAD Tracking System and Application.
**Technical specification and
system features booklet.**





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1 SYSTEM FEATURES AND SPECIFICATIONS.



Open accounts for unspecified users.



Remotely turn off the car.



The ability to add sensors as needed.



Car maintenance schedule.



Get notifications of several types.



Pull reports in multiple formats.



Maintaining and archiving databases on a daily basis.



Live follow-up of the vehicle, and an unlimited number of cars can be displayed at once with DVR technology.



Re-display the vehicle in the form of a moving video recording with DVR technology.



The possibility of drawing and defining specific borders and methods within the system.



Possibility of placing function points on the map according to the user's need.



Restoring the lane of vehicles for a full year.



The use of global encryption algorithms with the possibility of changing the cipher key from time to time.



Each terminal unit has its own encryption key that can be changed from the control and monitoring center.

1² SYSTEM FEATURES AND SPECIFICATIONS.



Supports (GPSLVN Local Server).



Providing a ruler tool for measuring distances and areas on the map.



Calculating engine hours, traveled kilometers.



Protection of data transmission according to M2M technology.



The ability to use the system in several languages.



The system provides a mathematical ability to know the fuel calculation based on the vehicle's mileage without the need to connect sensors and manipulation in the contents of the vehicle.





2 MOBILE APPS.



The system supports an application for iPhone and Android phones.



Easy to use and provides notifications, reports, alerts, maintenance and alerts forbidden areas.

3¹ NOTIFICATIONS AND ALERTS.

One of the most important tools of the GPS LVN system is smart alerts and showing them on the screen. The system supports more than 40 alerts that can notify the observer about either through the monitoring screen, e-mail, or SMS messages.

3² NOTIFICATIONS AND ALERTS.



The speed can be set for each vehicle separately, and an alert will be sent to the system manager in case the speed is exceeded.



A hidden button can be attached, the system will show an alert if the button is pressed by the driver.



Alert the system administrator if the driver disconnects the vehicle battery.



Alerting the system administrator in case of tampering with the device.

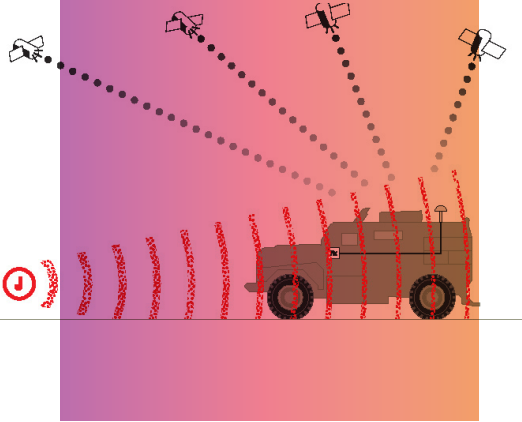


Alert the system administrator if the user has removed the SIM card.



Alert in the event of stopping or turning off the vehicle for long periods, to be determined for each vehicle by the system administrator.





3³ NOTIFICATIONS AND ALERTS.



Alert when the device is disturbed.



Alert in the event of a collision.



Alert when operating the distress system connected to the car.



Alert when entering and leaving an area specified by the system administrator.



Alert in case of loss of contact with the satellite.



Alerting the system administrator in case of deliberate jamming of the device.



Alert if the vehicle is used outside official working hours.

5.1 REPORTING.

More than 200 types of reports with the ability to customize reports.



Reports can be exported to a file. PDF, HTML, XLS.



Shows the number of kilometers traveled by the vehicle for any period of time you specify.



Report of trips, their number, distances traveled and the time spent on each trip.



A report of the car's stopping places, stopping time and duration for any period you specify.



A report of cutting off and connecting the engine, its time, time and location for any period you specify.



A report of dangerous vibrations on the car for any period you specify.



A report of disconnecting the car battery or disconnecting the device, its time, time and location.



Report using the distress button, its time, time and location for any period you specify.



Schedules can be made to find out the dates of changing spare parts according to the consumption of the car.



The data of the device for the periods you want can be downloaded to your computer.



You can download the coordinates in Excel format and retrieve them on Google Earth at any time.

5.2 SPEED REPORTS.



A report of excessive speed, locations and time for any period you specify.



Reports according to the internal areas in which citizens are available to avoid accidents.



Reports according to the forbidden zones attended by the system administrator.



Reports according to external areas of the main streets, to be specified by the system administrator.





6 DEVICE FEATURES.



Speed : Learning the vehicle's current and previous speed.



Traveled Distance : Learning current and previous traveled distances of the vehicle.



Fuel : Knowing vehicle's fuel consumption.



Engine Turn Off : Starting and turning off the vehicle remotely and knowing the condition of the vehicle.



Satellites Number : Knowing the vehicle's status and number of satellites used currently based on location.



Device's Battery : Monitoring device's current and previous battery condition to focus on battery life.



Engine Starts and Shut-offs. : Knowing the vehicle's starting status from starting to turn off with on and off periods.

7¹ DEVICE TYPES AND SPECIFICATIONS.

Teltonika FMB 920

- The type of the device is made in Europe (Lithuania).
- One year warranty.
- Contains an internal battery.
- Contains internal Bluetooth.
- Withstand temperatures from -40 to +65 degrees Celsius.
- IP54 dust and water resistant.
- It contains an internal memory of 128 MB to store data.
- Works on voltages ranging from 6 volts to 30 volts.

Key Features :

- Vehicle tracking.
- (Turning off the vehicle remotely or adding a warning bell to the driver).
- (Monitoring the start and shutdown of the engine or the seat belt).



7² DEVICE TYPES AND SPECIFICATIONS.

Teltonika FMB 122

Teltonika FMB122 is SPECIAL tracker with external GNSS, internal GSM antennas, Bluetooth connectivity and backup battery. FMB122 is designed for light vehicles tracking but is also suitable for advanced applications like logistics, delivery services, utility transport and more. It is excellent for refrigerated transport, because it has extended input/ output set and 1-wire interface for temperature monitoring. With Teltonika CAN adapters, FMB122 can be even used in agriculture or construction & mining.



Bluetooth for external devices and Low Energy sensors.



Allows device to work without external power source.



1-Wire® interface to monitor temperature data and RFID/iButton tags.



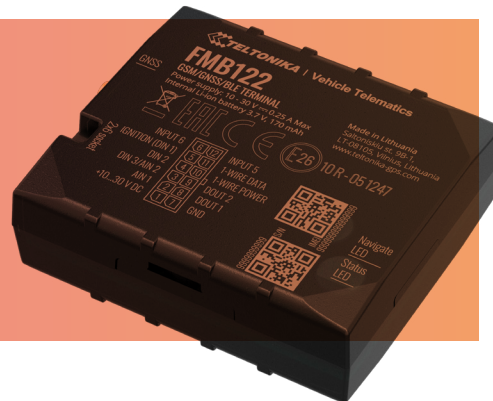
Digital Input/Output for remote monitoring and control.



Dual SIM – significantly reduce roaming costs.



External GNSS antenna extends mounting options.



7³ DEVICE TYPES AND SPECIFICATIONS.

Teltonika FMC130

Advanced lte terminal with flexible inputs configuration.FMC130 is small and professional real-time tracking terminal with GNSS and LTE/3G/GSM connectivity and backup battery. Device equipped with GNSS/Bluetooth and LTE modules, internal GNSS, LTE antennas, configurable digital, analogue inputs and digital outputs, negative input, impulse inputs. It is perfectly suitable for applications where location acquirement of remote objects is needed: fleet management, car rental companies, taxi companies, public transport, logistics companies, personal cars and so on.

Key Features :



Reliable 4G connection with fallback to 3G network.



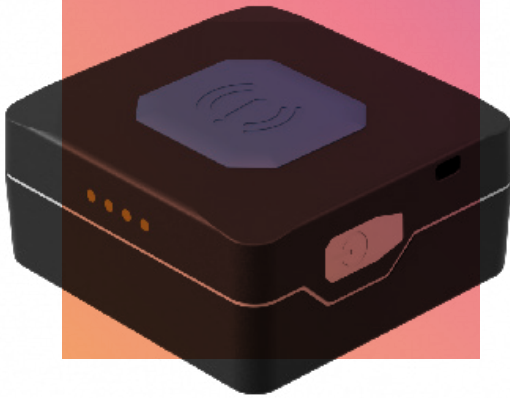
Negative input will allow easier installation of accessories.



Configurable DIN/AIN for flexible remote monitoring and control.



7⁴ DEVICE TYPES AND SPECIFICATIONS.



Key Features :

ALARM BUTTON : Easy to reach, instant messaging in case of emergency.

LIVE TRACKING : Real time monitoring of employee location.

INSIDE TRACKING : Get a live tracking information from inside the buildings with the help of BLE beacons.

MAN DOWN & NO MOVEMENT EVENT: Automated emergency alarm for no movement scenarios.

Teltonika TMT250 MINI TRACKER^{EASY}

Teltonika TMT250 is an autonomous personal tracker with GNSS, GSM and Bluetooth connectivity. Our mini tracker is designed for the monitoring of people, pets and cars. It can also be applied for employee control, security staff at the sport events and other use cases to ensure security and control. IP67 waterproof case provides convenient usage, even in harsh conditions. The large battery's capacity expands the application range where long battery life is needed. Also, TMT250 supports firmware and configuration update via Fota WEB.

EXTRA SMALL Dimensions only 44x43x20 mm

BLE BEACON SUPPORT : Low power sensors and BLE Beacon support for various use cases

WEB FOTA : Manage and update your devices in a web-based management portal.



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