



FMS Persona 100 Plus



Do you work on applications where location acquirement of vehicles is needed? Our new On-Board computer FMS Persona 100+ is a light version black box device. With GPS and GSM connectivity which is able to get vehicle coordinates for real-time and transfer them via GSM network, so, you can track your vehicles (truck, car, ship, etc...) easily and quickly. Its features include; compact size, easy installation and multiple functions.

This device can perform tasks on vehicles such as monitoring temperature and use of seatbelt while storing the information for analysis. This allows the identification and correction of bad habits before they result in crashes.

Our powerful web- based software will allow authorized customers in your company (dispatchers, drivers and managers) to easily track vehicles day or night via web page. Customers can locate a vehicle's present position, see the vehicle's historical path and monitor its speed and direction. They also can be notified of excessive speeds, vehicle leaving predefined regions or triggered alarms.

FMS reports allow you to archive vehicle position and history (path) information from maps. Reports can be customized to include only certain types of events, or locations. All reports can be printed as well as viewed online, and you can also download report data in multiple file formats for further analysis or distribution.

KEY FEATURES:

- Record Trip Detail including; start and end location, Start and end time, total trip duration, driving time, Max speed, parking time, speed, daily distance, harsh brake, use of seatbelts and many other driving functions.
- Report on driving errors including; over speeding, over revving, harsh braking, harsh acceleration, not wearing seatbelt, driving for continuous hours without resting and driving at night and optional tracking of door open/close, lights on/off, engine temperature, truck container door status.
- In the case of an accident, the system will record for 10 minutes prior to the accident. The recording interval is 10 seconds for The first 9 minutes and 1 second for the last minute.
- Integrated buzzer acts as a warning alert for drivers when violations are committed.
- Device Memory is 4 Mbytes, which translates to data for up to 60 days or 3,000 trips- depending on configuration, driving errors and driving distance.
- Download can be done remotely via GPRS/ TCP protocol, or manually by serial communication USB.
- The unique plastic case of this device is very rigid and suitable for installation into harsh environment such as truck, car, ship or other moving objects.
- Data backup means that in case of losing connection, FMS Persona 100+ can store records and send the data via network once the connection is established.
- The fleet manager administrator can know the real time location, speed, direction and other Related information of the vehicle anytime in any place with on-line tracking.
- LED indicators to signify: "Power", "GPS", "wireless communication" and "GSM" status.
- Powerful web-based software for real time tracking of your vehicle via a map on PC, Android/iOS PDA with the FMS Tech Fleet Portal.
- This device comes with a unique geo-fence function which can be used to report to the base Station when the vehicle is in/out of the predefined area.

APPLICABLE INDUSTRIES:



Municipality



Transport



Rent a Car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-06112-002

FMS Persona 100 Plus

GNSS

GPS/GLONASS	GPS & GLONASS
Satellite Channels	22 SAT / 12CH
Tracking Sensitivity	-165 dBm
Satellite Acquiring time	
- GPS Hot Start	< 6 sec
- GPS Cold Start	< 30 sec
GNSS Antenna	Internal
Speed (GPS/Gearbox)	GPS

GSM

GSM Network 2G	GPRS multi-slot Class 12
GSM Network 3G/LTE	Optional
GSM Technology	Quad Band
TCP/IP	Yes
TLS	SSL V3, TLS 1.0, TLS 1.1, TLS 1.2
Voice Support	Yes
GSM Antenna	Built-in

I/O INTERFACE

Total Inputs	2
Digital/Analog	1
Frequency	0
Ignition	1
Total Outputs	1

COMMUNICATION INTERFACE

CAN Bus	No
RS232	No
RS485	No
WiFi	Optional
USB 2.0	Yes
Zigbee 2.4GHz	No

DRIVER ACCESS CONTROL

Technology	N/A
RFID Frequency	N/A
RFID Card	N/A

IMMOBILIZATION

Ignition Relay	External
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INBUILT HARDWARE

Internal Battery	Yes
Internal Memory	4 MB
Internal Buzzer	Yes

POWER SUPPLY

Input Supply	12V / 24V
Power Consumption (12V)	
- Active mode	80 mA
- Sleep mode	30 mA
Power Spike Protection	50 - 100 V

ENCLOSURE

IP Rating	IP54
Status Indicators	3 LEDs (GSM, GPS Power)
Dimensions	132 x 73 x 22 mm
Weight	150 gms

COMPATIBLE FMS ACCESSORIES

E-Lock	No
Fuel Sensor	No
Accident Sensor	Yes
Proximity Sensor	No
Iridium Satellite	No
In-Cab Camera	No
Panic Button	Yes
Mic & Speaker	No
Bluetooth Headset	Yes

FEATURES

Live Online Tracking	Yes
Historical Tracking	Yes
Geo-fencing	Yes
Buzzer Alarm	Yes
Remote Immobilization	Yes
Upgradable Hardware	Yes
Number of Events	100
Events Configuration	Unlimited
Harsh Braking	Yes
Harsh Acceleration	Yes
Vibration (Graded road)	Yes
Movement Detection	Yes
Trailer ID	No
Driver Fatigue	No
Tail gaiting	No
MP3 Voice Alert	No

OTHERS

Harness Cable	Yes
Reports generation	Yes
Number of Reports	10+
Power Supply from Electric Lighter connection	Optional

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