



# FMS Center 2K Plus



For those who worked with On-Board computers know how difficult sometimes to extract the information from such systems. However, with the FMS Center 2000 Plus, extracting information has never been easier! This new innovation from Fleet Management Systems and Technologies (FMS Tech.) is a “black box” just like airplanes have. It can record a wide variety of events including how fast you drive and whether you “buckle-up” for safety. Companies can potentially use

them to determine the driving habits of its drivers and review vehicle performance, reduce fuel usage and road accidents, save money and make smarter decisions.

In addition to capturing and storing trip details, the Center 2000+ gives fleet managers the ability to customize events, set thresholds monitor vehicle performance and driving behavior at all times.

## KEY FEATURES

<b>Trip Details</b>	The system records the following information for every trip: start-and-end date and time, driving time, standing time, parking time, Driver ID, maximum and average engine RPM
<b>Driving Errors</b>	Over speeding, over revving, harsh acceleration, not wearing seatbelt, driving for continuous hours, without resting and driving at night
<b>Custom Events</b>	Door open, door close, lock status, lights, air condition, engine temperature, truck container door status and 10 different sensor status
<b>Accident Investigation</b>	System records vehicle speed and engine RPM every 1 second
<b>Warning Alert</b>	Integrated buzzer
<b>Driver Identification</b>	Contactless RFID proximity card or tag (RFID 13.56 MHz)
<b>Device Memory</b>	4 MB, 30 days or 1,500 trips depending on configuration, driving errors and driving distance
<b>Data Communication</b>	GPRS Quad band GSM 850, EGSM 900, DCS 1800, PCS 1900 and optional SBD Iridium Satellite

## FOR WHO?

- Oil and Gas
- Transport
- Customs
- Distribution
- Municipality
- Rent a car
- Construction
- Supply chain

## KIT INCLUDES

- The FMS Center 2000+ box
- Cables
- 1 x contactless driver card or tag
- Installation Manual
- Antenna

## REQUIREMENTS

- Vehicle outlets such as Speed generator, Dynamo and engine should be in good working condition
- All sensors should be in good working conditions such as door open/close, seatbelt, etc...
- Access to FMS Tech. Software and Portal

**PRODUCT CODE: FMS-01102-000**



# FMS Center 2K Plus

HEAD OFFICE

## TECHNICAL INFORMATION

Operating Voltage	9-50 volt
Current Consumption	140mA
Humidity	95%
Clock Component	Real Time Clock (RTC)
Memory	4 Mbytes
Indicator	Integrated Buzzer and 4 LED for Device & modules
Dimension	128 x 84 x 37 mm
Weight	340g
Device Backup Battery	NIMH 7.4 volt with internal PWH charger (optional)
Rated Voltage	12-24 volt
Storage Temperature	-40 °C to +85 °C
Working Temperature	-20 °C to +75 °C
Backup Battery	Lithium 3 volt
Interrupter Relay	25 A max
Vehicle interface	RS232 RFID
GSM	Quad Band
SMS	AT Command, GSM, EDGE, DCS, PLS
GPRS Packet	Up to 85.4 Mps
Antenna	Standard

## SYSTEM I/O

Frequency	3 Frequency Inputs (Speed, Engine RPM, Mixer Engine RPM2)
General Purpose	9 Fully user defined inputs; Digital (i.e., lights on/off), Analog (i.e., temperature) or Frequency (i.e., Fuel meter)
Vehicle Interface	RS232
Onboard Relay	No
Power Output	2 power control outputs to connect auxillary devices
Serial RS232	1 output for download; onboard printer or LCD

## DRIVER IDENTIFICATION

Every driver will have his /her own contactless card or tag with a unique serial number assigned to the driver. Access to vehicles can be limited to specific drivers using the onboard relay. Each card or tag can store driver name, ID no. and driver license ID no.

## FLEXIBLE AND MODULAR

The device is modular as it allows adding more functionality such as GPS and voice capability.

## CUSTOMIZABLE SETTINGS AND CONFIGURATION

FMS Center 2000+ allows fleet managers to define unlimited number of events, thresholds and combination of event occurrences; like capturing status for specific sensors at specific speed or when vehicle is not moving. Vehicles can be configured and distributed according to company sites, offices, locations, departments, individual ranking, etc...

## REPORTS GENERATION

Use FMS Office 2000+ software to export acquired data to third-party software tools, ie. Microsoft Office, ERP, and Adobe. Acquired data include information on drivers, vehicles and trips for specific day, week or month.

## REPORTS CONFIGURATION

Charging system settings and configuration can be done remotely using the wireless LAN or over the GPRS/3G network.

## ACCIDENT INVESTIGATION

FMS Center 2000+ is useful after accidents. It can help determine the cause of an accident by obtaining operating parameters of a vehicle as it travels such as speed, RPM and all other connected sensors at 1 second interval for 10 minutes prior to accident.

## SCALABLE AND UPGRADABLE

Since our On-Board computer system is designed to be modular in both software and hardware, the FMS Center 2000+ can be easily upgraded at any time in the future.

## WORKS ON ALL VEHICLES

The FMS Center 2000+ is designed to work with almost all types of vehicles, trucks, buses and heavy vehicles. The system is designed to withstand high voltage spikes found in some vehicles.

## INSTALLATION

Installations must be performed by a qualified automotive and FMS Tech certified technician.



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