



FMS Track 2K



The FMS Track 2000 is a powerful On-board Computer that combines vehicle routes information with vehicle sensors status and telematics ie. vehicle speed, engine RPM, etc., and location based information suitable for OFFLINE applications. Fleet manager can obtain vehicle and trip information and alerts OFFLINE on

this computer through manual download or using the wireless 2.4 GHz Zigbee. The FMS Track 2000 was designed for offline tracking and telematics applications including road safety, driver behaviour change, vehicle and driver monitoring, and cost control.

KEY FEATURES

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

FOR WHO?

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

KIT INCLUDES

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

REQUIREMENTS

- Vehicle outlets such as Speed generator unit, 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-01012-000

FMS Track 2K

HEAD OFFICE

FEATURES & FUNCTIONS

Satellite GPS Receiver	GPS
Data Network Modem	N/A
GSM Technology	N/A
Voice Support	N/A
GPS Antenna	External
GSM Antenna	N/A
GPS Hot Start	<6 sec
GPS Cold Start (Open Sky)	<30 sec
No. of Satellite Channels	22 SAT/12 CH
TCP/IP	N/A
No. of inputs	13
Digital/Analogue	9
Frequency	3
Ignition Input	1
No. of outputs	2
RS 232	1
Zigbee 2.4 GHz Wireless	Optional
Wireless 2.4 GHz Function	Optional
Speed via GPS	Yes
Speed via Gearbox	Yes
Engine RPM	Yes
Driver Identification	Yes
Driver Identification Technology	RFID
Panic Button	Optional
Remote Immobilizer	N/A
Ignition Relay	Internal
Harsh Braking	Yes
Harsh Acceleration	Yes
Vibration (Graded Road)	No
Movement sensor	Yes
Harsh shock	No
Idle time	Yes
Online Tracking	No
Offline Tracking	Yes
No. of Events	Unlimited
Tolerance configuration	Yes
Buzzer Alarm	Yes
Internal Battery	Optional
Internal Battery Autonomy	1-5 Hours
Events Configuration	Unlimited
No. of reports	60+
Memory Size	4 MB
Power Consumption @12VDC	320mA
Power Spike Protection	55V
Enclosure	IP54
Main Harness Cable	Yes
Additional Harness Cable	Optional
Cigarette Lighter Power Cable	N/A
Weight	275g

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 expiry, and work shift.

FLEXIBLE AND MODULAR

The device is modular as it allows adding more functionality such as GSM/GPRS/3G Modem, and voice capability.

CUSTOMIZABLE SETTINGS AND CONFIGURATION

FMSTrack2000 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, such as Microsoft Office and ERP. 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 manually.

ACCIDENT INVESTIGATION

FMS Track 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 the accident.

SCALABLE AND UPGRADABLE

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

WORKS ON ALL VEHICLES

The FMS Track 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.



USA

1400 Preston Road, #400
Plano, Texas 75093
Tel.: +1 (972) 665-9759
Fax.: +1 (972) 665-9915
info@fms-tech.com

MIDDLE EAST OFFICES

ABU DHABI - UAE

Tamouh Tower,
22 - C1, Marina Square,
Al Reem Island
Abu Dhabi - UAE
PO. Box 39366
Tel.: +971 2 6436640
Fax.: +971 2 6436642
uae@fms-tech.com

MUSCAT - OMAN

Ghala, Way: 5005,
Building 705, Office 24,
P.O. Box 2006. P.C. 130
Muscat, Sultanate of Oman
Tel.: +968 2 422 2490 / 91 / 92
Fax.: +968 2 422 2493
oman@fms-tech.com