



# FMS Track 2000 Plus



The FMS Track 2K+ Device has Global Navigation Satellite System (GNSS) which supports both GPS and GLONASS in order to provide accurate data and faster connecting. Through these systems the user can have notifications sent quickly to their computer or mobile device. Multiple inputs can connect to various sensors in the vehicle to collect a wide range of telematics and statistics, while the onboard CAN BUS allows the user to have easy access to any detail of the vehicle.

The device supports driver identification using RFID, and optional expansions including supporting both WIFI and zigbee. As an added benefit; with built-in ignition cut off relay, the user can easily remotely immobilize the vehicle at any time.

As with all of the FMS-Tech products, this device can easily be customized according to the application's specific needs and requirements.

## KEY FEATURES

- Thirteen total inputs available to provide a wide range of sensor connections and readings
- CAN BUS interface to allow for easy access to all the vehicle sensors and readings
- Internal ignition relay built in for vehicle immobilization capabilities
- RFID built in for driver access control and security
- Quad Band, GSM technology to enable quality usage world-wide
- Power consumption rated at 320mA with Relay
- Device Ingress Protection (IP) rating of IP54
- Bluetooth headset compatible to help encourage safe driving
- Proximity sensor is an additional add-on to increase safety and reduce accidents

## APPLICABLE INDUSTRIES



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-01112-000

# FMS Track 2000 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	External
Speed (GPS/Gearbox)	GPS & Gearbox

## GSM

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

## I/O INTERFACE

Total Inputs	13
Digital/Analog	9
Frequency	3
Ignition	1
Total Outputs	2

## COMMUNICATION INTERFACE

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

## DRIVER ACCESS CONTROL

Technology	RFID
RFID Frequency	13.56 MHz
RFID Card	HID/TI

## IMMOBILIZATION

Ignition Relay	Internal
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## INBUILT HARDWARE

Internal Battery	Optional
Internal Memory	4 MB
Internal Buzzer	Yes

## POWER SUPPLY

Input Supply	12V / 24V
Power Consumption (12V)	
- Active mode	320 mA with Relay
- Sleep mode	120 mA
Power Spike Protection	55 V

## ENCLOSURE

IP Rating	IP54
Status Indicators	4 LEDs (GSM, GPS, WL & Power)
Dimensions	136 x 85 x 37 mm
Weight	1,150 gms

## COMPATIBLE FMS ACCESSORIES

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

## 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)	No
Movement Detection	Yes
Trailer ID	Yes
Driver Fatigue	Yes
Tail gaiting	Yes
MP3 Voice Alert	Yes
Harness Cable	Yes
Reports generation	Yes
Number of Reports	60+
Supply from Electric Lighter connection	Optional

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