



# FMS Track 360



The Track 360 is a powerful device with Global Navigation Satellite System (GNSS) which supports both GPS and GLONASS in order to provide high accuracy data down to 1 meter resolution and CDMA GSM modem. Through these systems the user can have notifications sent quickly to the cloud or mobile device. This device is an economical choice since the number of inputs is limited compared to other options, however this also means the power consumption is lowered. The innovative RFID is compatible with

HID, TI, and MiFare cards. Optional expansions including supporting both WiFi and wireless 2.4 GHz Zigbee.

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 and accessory connections and readings
- RFID built in for driver access control and security
- Accident Sensor compatible for advanced protection and performance
- Quad Band, GSM technology to enable quality usage world-wide
- External ignition relay for vehicle immobilization capabilities
- 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
- Live online tracking for continuous and accurate updates on vehicle location and telematics

## APPLICABLE INDUSTRIES:



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-03125-000

# FMS Track 360

## GNSS

GPS/GLONASS	GPS & GLONASS
Satellite Channels	22 SAT /66 CH
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	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	External

## I/O INTERFACE

Total Inputs	11
Digital/Analog	8
Frequency	2
Ignition	1
Total Outputs	4

## COMMUNICATION INTERFACE

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

## DRIVER ACCESS CONTROL

Technology	RFID
RFID Frequency	13.56 MHz
RFID Card	HID / TI / MIFARE

## IMMOBILIZATION

Ignition Relay	External
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## INBUILT HARDWARE

Internal Battery	Optional
Internal Memory	4 MB
Internal Buzzer	Yes

## POWER SUPPLY

Input Supply	12V / 24V
Power Consumption (12 V)	
- Active mode	170 mA
- Sleep mode	90 mA
Power Spike Protection	150 V

## ENCLOSURE

IP Rating	IP54
Status Indicators	4 LEDs (GSM, GPS, WL & Power)
Dimensions	120 x 126 x 36 mm
Weight	640 gms

## COMPATIBLE FMS ACCESSORIES

E-Lock	Yes
Fuel Sensor	Yes
Accident Sensor	Yes
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)	Yes
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

### CORPORATE OFFICES:

#### USA

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

#### MIDDLE EAST

Abu Dhabi - UAE  
Tamouh Tower,  
22 - C1, Marina Square,  
Al Reem Island,  
Abu Dhabi, UAE  
P.O. Box 39366  
Tel: +971 2 643 6640  
Fax: +971 2 643 6642  
uae@fms-tech.com  
www.fms-tech.com

### BRANCHES:

#### EUROPE

Belgrade - Serbia  
Severni Bulevar 6,  
Ehom Building,  
Belgrade, Serbia  
Tel: +381 11 770 4148  
Fax: +381 11 208 3969  
Mob: +381 65 332 5772  
europe@fms-tech.com  
www.fms-tech.com

#### GCC

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  
www.fms-tech.com

#### ASIA

Shenzhen - China  
Gaochuangde Industrial Park  
No. 6, 7th floor, Dalang Road,  
Longhua District,  
Shenzhen, China  
Tel: +86 755 25861609 - Ext: 606  
Fax: +86 755 2586 1887  
Mob: +86 15919910983  
asia@fms-tech.com  
www.fms-tech.com  
深圳市普隆科技有限公司  
地址: 深圳市龙华区大浪街道高创德工业园6号A栋

#### AFRICA

Tunis - Tunisia  
Golden Towers, B 1-5,  
Centre Urbain Nord, 1082  
Tunis, Tunisia  
Tel: +216 71 906 901  
Fax: +216 71 908 989  
GSM: +216 98 201 845  
tunisia@fms-tech.com  
www.fms-tech.com