



# FMS Trace 360



A small and powerful telematics and IVMS device designed for all heavy vehicles and fleet operations and needs. The FMS Trace 360 is based on the revolutionary 360 platform

enabling users to have complete 360 view of vehicle telematics, vehicle location, route information in both online and offline modes, and driving habits.

## KEY FEATURES

- Complete trip information
- Recording of Distance, Speed, RPM, and other parameters
- Vehicle location
- Large memory
- Recording of all instances of driving violations
- Online and offline vehicle location and route
- 1 sec. recording interval
- Modular and customizable
- Remote firmware upgrade
- High performance GPS
- High performance GSM antenna
- Accurate recording
- Iridium satellite burst data (optional)
- Driver Identification (RFID Card)
- Internal GPS/GSM antennas



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-02125-000

# FMS Trace 360

HEAD OFFICE

## FEATURES & FUNCTIONS

Satellite GPS Receiver	GPS/GLONASS
Data Network Modem	2G/3G
GSM Technology	Q-Band
GPS Antenna	Internal
GSM Antenna	Internal
GPS Hot Start	<6 sec
GPS Cold Start (Open Sky)	<30 sec
No. of Satellite Channels	22 SAT/66CH
TCP/IP	Yes
No. of inputs	11
Digital/Analogue	8
Frequency	2
Ignition Input	1
Wireless I/O	0
No. of outputs	4
RS 232	1
RS 485	1
USB	0
Wifi	0
Zigbee 2.4 GHz Wireless	Optional
Communication over wireless charger	No
Speed via GPS	Yes
Speed via Gearbox	No
Engine RPM	No
Driver Identification	Yes
Driver Identification Technology	RFID
Panic Button	Yes
Remote Immobilizer	Yes
Ignition Relay	External
Harsh Braking	No
Harsh Acceleration	No
Vibration (Graded Road)	Yes
Movement sensor	Yes
Harsh shock	Yes
Idle time	Yes
Online Tracking	Yes
Offline Tracking	Yes
No. of Events	100
Tolerance configuration	Yes
Buzzer Alarm	Yes
Internal Battery	Optional
Internal Battery Autonomy	1-5 Hours
Events Configuration	Unlimited
No. of reports	60+

Memory Size	4MB
Power Consumption @12VDC	160mA
Power Spike Protection	150V
Enclosure	IP54
Main Harness Cable	Yes
Additional Harness Cable	No
Cigarette Lighter Power Cable	Optional
Weight	200g

## SUPPORTED FMS ACCESSORIES

e-Lock (Container Seal)	No
Trailer ID	No
Iridium Satellite Modem	No
MP3 Voice Alert	No
Voice Communication	No
Driver Fatigue	Yes
Tail Gating	Yes
In Cab Camera	Yes

## RFID

Supporting Dual Protocol ISO15693 & ISO14443 @ 13.56MHz

Operating Voltage 5-10VDC

Serial communication RS485

Supporting TI tag 256 byte & Mifare S50 (1Kb).

Indicator Integrated Buzzer and 2 LEDs.

Operating temperature range -30 °C to +90 °C

## GPS SPECIFICATION

GPS/GLONASS
Ultra high sensitivity: -165dBm
Ultra-low power consumption
±10ns high accuracy time pulse (1PPS)
Advanced Features: Always Locate; AIC; EPO; EASY



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