



FMS Power Trace 2K



The Power Trace 2K is a specially designed as a mobile asset and container tracking device with an internal battery which will last for up to 10 days without charging. This unique feature means the device is perfect for applications that cannot or should not use the battery life of the vehicle or asset for risk of draining the power source or for use on a non-motorized asset. The device does not feature IO interface, CAN bus, or RFID; but is designed for

users focused on the accurate location positioning of the vehicles or assets. 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:

- The internal battery provides power for up to 10 days without charging the device
- Ingress Protection (IP) rating of IP66 for usage in extreme climates and environments
- Accident Sensor compatible for advanced protection and performance
- Quad Band, GSM technology to enable quality usage world-wide
- Internal GSM&GNSS antenna for a more durable device
- Power consumption of 170 mA
- Geo-Fencing is an optional add on to help track and manage vehicles

APPLICABLE INDUSTRIES:



Oil and Gas



Municipality



Transport



Rent a car



Customs



Construction



Distribution



Supply chain

PRODUCT CODE: FMS-05112-003

FMS Power Trace 2K

GNSS

GPS/GLONASS	GPS
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	Internal
Speed (GPS/Gearbox)	GPS

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	No
GSM Antenna	Internal

I/O INTERFACE

Total Inputs	0
Digital/Analog	0
Frequency	0
Ignition	0
Total Outputs	0

COMMUNICATION INTERFACE

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

DRIVER ACCESS CONTROL

Technology	No
RFID Frequency	No
RFID Card	No

IMMOBILIZATION

Ignition Relay	No
----------------	----

INBUILT HARDWARE

Internal Battery	Yes (7-10 days)
Internal Memory	4MB
Internal Buzzer	Yes

POWER SUPPLY

Input Supply	Power Bank 8.4V
Power Consumption (12 V)	
- Active mode	170 mA
- Sleep mode	90 mA
Power Spike Protection	12V

ENCLOSURE

IP Rating	IP66
Status Indicators	4 LEDs (GSM, GPS, WL & Power)
Dimensions	168 x 110 x 86 mm
Weight	1,300 gms

COMPATIBLE FMS ACCESSORIES

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

FEATURES

Live Online Tracking	Yes
Historical Tracking	Yes
Geo-fencing	Yes
Buzzer Alarm	Yes
Remote Immobilization	No
Upgradable Hardware	Yes
Number of Events	100
Events Configuration	Limited
Harsh Braking	Yes
Harsh Acceleration	Yes
Vibration (Graded road)	Yes
Movement Detection	Yes
Trailer ID	No
Driver Fatigue	No
Tail gaiting	No
MP3 Voice Alert	No
Harness Cable	No
Reports generation	Yes
Number of Reports	20+
Supply from Electric Lighter connection	No

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