

FM4310 Tracker

Key Features:

- LTE Cat M1/NB-IoT, 2G
- Waterproof IP67 Compliant
- Identify Virtual Ignition (Voltage/Motion)
- Geo-fences (Circular/Polygonal)
- Maintenance Server Supported
- DPA (Driving Pattern Analysis) / CR (Crash Reconstruction)* Optional
- Jamming Detection (Optional)
- Built-in 3-axis Accelerometer



***3 days:**
minimum 30min
reporting in deep sleep
mode

Series	Pin	Type	Event
FM4310	6pin	Standard	2 inputs + 2 outputs
FM4310U	5pin	U: Ultra Low Cost	2 inputs + 1 output
FM4310W	6pin	W: 1-Wire	1 input + 1 input/ADC + 1 output + 1-Wire (1 Wire: Temp Sensor, iButton)
FM4310R	6pin	R: RS232	1 input + 1 output + RS232
FM4310RW	6pin	RW: RS232 + 1-Wire	1 input + 1-Wire + RS232 (1-Wire: Temp Sensor, iButton)
FM4310M	6pin	M: Multi-Purpose	1 input + R232 + 1 Power Supply Output (4.5V)

Phone: 1-866-935-3384

Sales: sales@fleetmovil.com

Tech Support: support@fleetmovil.com

FM-0418A 04182022

FM4310 Tracker



Technical Specification

Network Frequency	LTE Cat M1/NB-IoT/2G
Back-up server	Supported (via dual IP)
Transmission Protocol	TCP / UDP
GPS/GNSS Receiver	GPS & Glonass GPS L1 band(1575.42MHz), Glonass L1 band (1601.7MHz) GPS Sensitivity: -167 dBm (For tracking)
Event Inputs	1 Ignition/Input 1 Input (Panic Button, Door sensor)
Event Outputs	2 output: Vehicle blocking or open drain output up to 300mA
Option I/O	1-wire, RS232, ADC, DC4.5V output These options are available by variant models. (ST4310/U/W/R/RW/M)
Configurable report format and customized report	Configurable report format Easily preconfigure for report mode Various report based on driving mode and condition
Housing Dimension	94(L) x 55(W) x 23(T) mm
Weight	103g (With event cable)
Power Supply	DC 8 V ~ 33 V, Main power +/- inversion protection
Power Consumption	Active mode: 70~80mA @12V Typical (3min. reporting) :30~50mA @ 12V Sleep mode: Approx. 4mA @12V Deep Sleep mod: Approx. 2mA @12V
Back-up Battery	Rechargeable 3.7V, 220mAh Li-ion Battery
Electric Protection	Protection against ESD and overvoltage
Operating Temperature	-40oC ~ +80oC
Dust and Water Resistant	IP67
Motion Detection	Built-in 3-axis accelerometer
Certificates	FCC, PTCRB, IC

Phone: 1-866-935-3384

Sales: sales@fleetmovel.com

Tech Support: support@fleetmovel.com

FM-0418A 04182022