

Fleet Complete Fleet Tracker FT1 4G

A compact, plug-and-play GPS fleet tracking solution that provides visibility and insight over your vehicles in near real-time.



Manage your fleet proactively and respond to your customer needs faster with the new FT1 Fleet Tracker from Fleet Complete. Equipped with the latest LTE CAT-M1 connectivity and OTA (over-the-air) updates capability, it enables fast and highly secure transmission that will help future-proof your fleet and optimise your investment.

Get access to a wide variety of telematics features with this self-install device to start improving your business efficiencies and safety without delay! With an easy plug-and-play installation and quick set up, you can start monitoring GPS location, driver behaviour, vehicle health status, and more.

Tackle common fleet issues

- Monitor driver behaviour: excessive speeding, harsh braking and rapid acceleration is dangerous and can cost you in maintenance fees and increase fuel consumption
- FT1 integrates with your vehicle's Engine Control Module* to monitor your fleet's health status
- Prolong your vehicle life: receive near-real time Diagnostic Trouble Code alerts or Check Engine notifications and schedule vehicle services before critical breakage occurs



Get more with less

The Fleet Tracker FT1 4G connects your assets to our user-friendly, cloud-based software that provides you with fleet visibility. Monitor idle-time, off-hours driving, driving behavior, and more. Additionally, GPS location allows you to improve dispatch efficiency and mobile worker management.

ECM integration

The FT1 device connects to your vehicle's Engine Control Module through the OBD-II connector and provides fleet managers accurate vehicle data, such as true odometer readings, diagnostic trouble codes (DTC), engine status, and fuel economy**. Take full advantage of DTC rules and reporting to improve your vehicle performance and fleet efficiency by identifying exactly what, and where the issue is with your vehicle.

Advanced reporting

The Fleet Complete platform offers a wide-array of reports you can easily export to Excel, PDF and CSV. Schedule them on a regular basis or run them on-demand to get detailed data from the field when you need it. Fleet Complete's live dashboard and power reports provide up-to-date comprehensive business intelligence to help take your business to the next level.

Additional functionalities suited to your needs, the FT1 monitors your vehicles in the field and offers the option to capture additional data from sensors such as power take off usage, door status, etc.

- Built-in Bluetooth 5.0 and back-up battery
- Self-install capable with OBD-II/CAN 150-15765, CAN J1939, CAN 2.0 connections
- Over-the-air automatic updates allow for the addition of functionalities without hardware replacements

Technical specifications

Dimensions

- 65mm x 46mm x 24.5mm

Weight

- 59g with battery (0.13 lbs)

Location

- GPS (multi-constellation)
- Multi-tower cellular (via cloud)
- Assisted acquisition: 2s (via cloud)
- Hot Start: <2s
- Acquisition Sensitivity: -160dBm
- Tracking Sensitivity: -167dBm
- ECM
- CAN 150-15765, CAN J1939, CAN 2.0
- 150-9141-2 (for Tachometer)

Power Input

- 6 - 24V (48V OVP)
- 220mAMP Backup battery

Power Consumption

- 1.2mA (sleep) - 70mA (peak)@ 12V

Sensors

- Accelerometer & Gyro

Sensor Sampling Interval

- 1s to 24hr; cloud configurable
- Dynamic on motion

Reporting Interval

- 30 sec to 24 hour; cloud configurable
- Dynamic on motion

Global Cellular Connectivity

- 4G (Cat M) Global Bands

Local Wireless

- BLE 5.0

Operating Temperature

- On vehicle power: -40 °C 70 °C
- On battery power: -5 °C 60 °C

Shock and Vibration

- SAEJ1455

Housing

- UL94-V0 Flame Retardant

Security

- Secure boot TLS/SSL

Certifications

- RoHS, FCC, CE, IC, UL, REACH, RCM, PTCRB

I/O

- Status LEDs: GPS, Cellular, Power
- 8-pin connector :
 - TTL Serial
 - 1 General purpose digital input
 - 2 General purpose digital output/relay controller - 1-Wire technology
 - 5V power output (2A max)
- Buzzer

* Available with ECM integration through CANBUS/J1939 connections.

** Not available on all vehicle models. Consult Fleet Complete expert for more information.