FT-TRACK
with Accelerometer

GSM/GPRS/GPS Quad-Band Mobile Platform

The flagship of Wireless's industry-leading portfolio of integrated Mobile Tracking products, the FT series of platforms connect the world's leading companies to their valuable mobile assets.

Fleet Management
The certified quad-band integrated device is optimized for today's increasing demand for vehicle recovery, fuel efficient fleet operations, driver and vehicle profiling, and interactive communications. Providing complete GSM/GPRS communications FLEETRACKERS Wireless helps you track and monitor vehicles from the family car to the largest fleet of commercial vehicles.

Insurance Telematics
With superior GPS sensitivity, enhanced business intelligence logic provided by the programmable rules engine, polygon geo-fencing, integrated SMS commands, messaging and much more. The units are designed to be easily deployed and provisioned supplying critical information for the most demanding fleet operator, the buy-here pay-here dealers to the pay as you go insurance company.

Quick Deployment and Device Management
FLEETRACKERS Wireless's intelligent mobile tracking devices feature superior performance in a small package for ultimate flexibility. With FLEETRACKERS Communications & Management platform, devices can be provisioned, monitored, and reconfigured remotely from most anywhere in the world. Driven by the Services Architecture, FLEETRACKERS Wireless delivers a flexible, modular architecture for fast wireless asset tracking, solutions development and deployment. Keeping you Connected to your Assets, Anywhere, Anytime.

Device Benefits
• Support for Garmin's Fleet Management Interface (FMI) (optional)
• Flexible customization through built-in programmable rules engine & control automation capabilities
• Wireless data and voice port available
• Polygon geo-fencing and GPIO's
• Auto-registration on power up
• Internal battery back-up allows for continued operation when main input power is removed
• FOTA enabled for remote upgrades
• Integrated SMS for commands and messages
• Now with 3-axis accelerometer for driver behavior reporting

GSM/GPRS/GPS Quad-Band Mobile Platform

Housing
- Dimensions: (L x W x H) 65 x 61 x 26 mm
- Rugged textured plastic enclosure V$_o$ fire rated

Radio Technology
- Frequency (MHz): 850/900/1800/1900
- Transmit Power: Class 4 (2W@850/900 MHz)
  Class 1 (1W@1800/1900 MHz)

GSM Functionality
- Voice: AMR, EFR, FR & HR
- GSM/SMS: Text, PDU, MO/MT, Cell Broadcast

GPS Functionality
- Connector: FAKRA
- GPS Protocols: NMEA, Binary
- Buffered GPS Message Feature: Yes

Device Including Accelerometer
- 3-axis digital accelerometer for motion alert (towing alert) and driver behavior reporting (rapid acceleration, harsh braking) using configurable thresholds

Over-The-Air Commands
- FOTA, I/O control, GPS TX interval, binary reporting, timed reporting, alarm reporting, maximum speed exceeded, status change reports, GPS content, event reporting, distance reporting, geo-fencing and virtual odometer, optional Garmin FMI

SIM Card / Interface / I/O
- SIM Access: External
- Audio: 2.5 mm headset
- GPS Antenna: FAKRA (Bordeaux Violet)
- I/O Connector: 8-pin Molex
  2 GPIOs: Input 0-40V, Output 0-3V
  1 Output 0-40V
- Serial Data I/O: Yes
- Ignition Sense: Yes

Interface
- Host Protocols: AT commands, UDP API, CMUX, PPP
- Internal Protocols: PPP, UDP API, TCP API, UDP PAD, TCP PAD
- API Control/Status: AT commands, UDP API, TCP API, AT commands over SMS

Environment
- Operating: -30ºC to 85ºC
- Storage: –40ºC to 85ºC
- Humidity: Up to 95% non-condensing
- Vibration: In accordance with SAE J1211

Battery
- Optional rechargeable lithium-ion battery (230mAh)
- Battery recharging range is 0 to +45ºC (Internal battery temperature)

Power
- Operating Voltage: 9 - 32 V DC (Rechargeable Lithium-Ion battery)

Certifications
- FCC: Parts 15, 22 & 24
- PTCRB: Version 5.2.0
- CE: Yes
- GCF: Version 3.37.1
- eMark: Yes
- RoHS Compliant: Yes
- Industry Canada: Yes

Part Numbers
- GSM2358-00 (Battery)
- GSM2358-01 (No battery)

Part Numbers with Device Including Accelerometer
- GSM2438-00 (Battery)
- GSM2438-01 (No Battery)