

Spider®
MT-Gμ



Authorized
Distributor of



GSM/GPRS/GPS Quad-Band Mobile Platform

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



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 Enfora helps you track and monitor vehicles from the family car to the largest fleet of commercial vehicles.



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.

GSM/GPRS/GPS Quad-Band Mobile Platform

Housing

- Dimensions: (L x W x H) 65 x 61 x 26 mm
- Rugged textured plastic enclosure, V₀ fire rated

Radio Technology

- GSM/GPRS Class B, Multislot 10
- Frequency (MHz): 850/900/1800/1900
- Transmit Power: Class 4 (2W@850/900 MHz)
Class 1 (1W@1800/1900 MHz)

GSM Functionality

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

GPS Functionality

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

Motion Detection

- Optional in version GSM2438: Dual 3-axis digital accelerometers for motion alerts, towing alerts, and driver behavior reporting (rapid acceleration, harsh braking) using configurable thresholds

Over-The-Air Commands

- 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, virtual odometer, optional Garmin FMI.

SIM Card / Interface / I/O

- SIM Access: External
- Cellular Antenna: FAKRA (Bordeaux Violet)
- GPS Antenna: FAKRA
- 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: -30°C to 85°C
- Storage: -40°C to 85°C
- 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 +45°C (Internal battery temperature)

Power

- Operating Voltage: 9 - 40 V

Certifications

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

Part Numbers

- GSM2358-00
- GSM2438-00 w/Accelerometer

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Specifications are subject to change.