

MT-G $\mu$



## GSM/GPRS/GPS Quad-Band Mobile Platform

The flagship of Novatel Wireless'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.

### 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 Novatel 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

Novatel Wireless's N4A™ intelligent mobile tracking devices feature superior performance in a small package for ultimate flexibility. Coupled with the robust N4A Communications & Management platform, devices can be provisioned, monitored, and reconfigured remotely from most anywhere in the world. Driven by the N4A Services Architecture, Novatel 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



## 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<sub>0</sub> 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

### 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: -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 - 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)

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