

MINI MT



GSM/GPRS/GPS Personal Tracking

The certified quad-band integrated device is optimized for today's demanding mobile workforce and private citizens where location based safety, security and connectivity are paramount. Providing complete GSM/GPRS communications Novatel Wireless helps you track and monitor your workforce from the lone-worker to the operators of small fleets - and closer to home; the Alzheimer's patient, children, teenagers on the go and a host of other applications.

Managing Individuals

Excellent GPS performance and sensitivity in a small, ruggedized voice enabled platform. The Mini MT is fully programmable with panic/emergency response button, two-way voice communications, messaging and much more. The units are designed to be easily deployed and provisioned supplying critical information for the most demanding workforce tracking applications. This device is designed with a motion sensor and vibrating alerts for personal and remote worker programs of all sizes.



Tracking Progress

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 most anywhere in the world.

Deployment & Device Management

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

- Quad-band GSM/GPRS (850/900/1800/1900 MHz)
- Motion sensor and vibrating alerts
- Designed for personal/remote worker programs
- FOTA (Firmware-Over-The-Air) enabled for remote upgrades
- Rugged and voice enabled
- Programmable with panic/emergency response button



GSM/GPRS/GPS Personal Tracking

Housing

- Dimensions: (L x W x H) 102 x 60.5 x 25.4 mm
- Polycarbonate
- Weight: < 120 g

Radio Technology

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

SMS Functionality

- PDU, MO/MT, Cell Broadcast
- Voice: AMR, EFR, FR & HR
- CS Data: Asynchronous; Transparent and Non-Transparent up to 14.4 kb

GPS Functionality

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

Over-The-Air Commands

- FOTA, GPS TX internal, binary reporting, timed reporting, alarm reporting, maximum speed exceeded, status change reports, GPS content, event reporting, distance reporting and geo-fencing

SIM Card / Interface / I/O

- SIM Access: Internal 1.8/3 V SIM accessed via battery compartment
- Interface: Mini USB jack for power, charging and local data access
- Audio: 2.5 mm headset
- Power: AC adapter and optional USB vehicle power adapter

Interface

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

Environment

- Operating: -20°C to 55°C (Due to Battery Limitations with Lithium Ion)
- Storage: -20°C to 60°C
- Humidity: Up to 95% non-condensing

Power

- Battery: Rechargeable Lithium-Ion 1400 mAh standard

Certifications

- FCC: Parts 2, 15, 22 & 24
- PTCRB: Version 5.6.0
- CE: Yes
- GCF: Version 3.39.1
- eMark: Yes
- RoHS Compliant: Yes
- Industry Canada: Yes

Part Number

- GSM2428-00

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ISO 9001:2000 Certified