

ENFORA MINI MT

GSM/GPRS/GPS/A-GPS
QUAD-BAND MOBILE TRACKER



DEPLOY AN AFFORDABLE MOBILE TRACKING PLATFORM

The Enfora Mini MT is a fully certified quad-band integrated platform that provides complete GSM/GPRS functionality for mobile tracking applications. Its integrated GPS/A-GPS capabilities include tracking of up to 14 satellites and location reporting through SMS and GPRS. We can add your branding to this device—and let you focus on managing services rather than hardware.

To accelerate integration and simplify deployment, the embedded Enfora Communications & Scripting Manager lets you quickly script M2M actions and responses—without complex developer tools or programming languages. Through a wide range of built-in predefined events, you can customize the Mini MT's capabilities to meet your specific application. The Comms & Scripting Manager also acts as a hub to facilitate communications, IP management and configuration.

Today, more and more companies are turning to Enfora for wireless M2M solutions. By relying on our technology and expertise, they have more time for their core business. When you want to **deploy** affordable mobile tracking, Enfora is ready to help you **enable information anywhere.**

QUICK OVERVIEW

- **Quad-band GSM/GPRS (850/900/1800/1900 MHz)**
- **GPS/A-GPS with tracking of up to 14 satellites**
 - Optional multi-day ephemeris support
 - Time to first fix: 2 s @ 5 m; 2 sec navigation fixes (with assistance data)
- **Motion sensor and vibrating alerts**
- **Comms & Scripting Manager™**
 - Automatically acquire IP addresses and keep them alive
 - Trigger events at specific times via real-time clock
 - Configure network monitoring to assess device health on the network
 - Track and reconfigure devices securely using AT commands via SMS and dynamic IP support

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MINI MT QUAD-BAND

MODEL NUMBER	GSM2228								
CHARACTERISTICS Dimensions (L x W x H) Housing	100.4 x 59.0 x 25.4 mm Polycarbonate								
RADIO PERFORMANCE Frequency (MHz) Transmit power	850/900/1800/1900 Class 4 (2W@850/900 MHz) Class 1 (1W@1800/1900 MHz)								
PACKET DATA Mode Protocol Coding schemes Packet channel	Class B, Multislot 8 GPRS Release 97 & 99, SMG 31 CS1-CS4 PBCCH/PCCCH								
GSM FUNCTIONALITY Voice CS data GSM SMS	AMR, EFR, RF & HR Asynchronous; Transparent and Non-Transparent up to 9.6 kb PDU, MO/MT, Cell Broadcast								
GPS FUNCTIONALITY	<ul style="list-style-type: none">• Autonomous and "enhanced" autonomous• GPS operations with optional multi-day ephemeris service• Tracking of up to 14 satellites• 3GPP A-GPS standards compliant• Supported protocols: SUPL, NMEA								
OVER-THE-AIR COMMANDS	I/O control, 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/INTERFACE/I/O SIM Interface Audio Power	Internal 3 V SIM accessed via battery compartment Mini USB jack for power and local data access 2.5 mm headset and I/O Optional vehicle power adapter								
SOFTWARE Host protocols Internal protocols API control/status	AT, UDP/API, TCP/IP PPP, UDP/API, UDP/PAD, CMUX, TCP/PAD AT or UDP								
ENVIRONMENT Operating Storage Humidity	-30°C to 70°C -40°C to 85°C Up to 95% non-condensing								
POWER Battery GSM hibernate GSM operating power (typical)	Rechargeable Li-Ion 1340 mAh standard, 2000 mAh optional 100 µA <table border="1"><thead><tr><th>Band</th><th>Mode</th><th>Avg (mA)</th></tr></thead><tbody><tr><td rowspan="2">GSM</td><td>1TX/1RX</td><td>150</td></tr><tr><td>Idle</td><td><1</td></tr></tbody></table>	Band	Mode	Avg (mA)	GSM	1TX/1RX	150	Idle	<1
Band	Mode	Avg (mA)							
GSM	1TX/1RX	150							
	Idle	<1							
CERTIFICATIONS FCC GCF PTCRB Industry Canada (CSA) CE Mark RoHS Compliant	Parts 2, 15, 22 & 24 Version 3.21.1 Version 3.7.1 Yes Yes Yes								
PART NUMBER	GSM2228								

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Specifications subject to change.

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