

ENFORA MINI MT

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



QUICKLY 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 deployment, use Enfora's Services Gateway to quickly build links from your asset-tracking devices to your existing enterprise applications and services.

The Services Gateway provides a complete view of your devices, enabling proactive asset management. It also supports popular enterprise software such as MS SQL Server, MySQL and Oracle.

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 **quickly 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**

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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 CS1-CS4 PBCCH/PCCCH								
GSM FUNCTIONALITY Voice CS data GSM SMS	AMR, EFR, RF & HR Asynchronous; Transparent and Non-Transparent up to 14.4 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	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 1.8/3 V SIM accessed via battery compartment Mini USB jack for power and local data access 2.5 mm headset and I/O AC adapter and optional vehicle power adapter								
SOFTWARE Host protocols Internal protocols API control/status	AT commands, UDP API, PPP PPP, UDP API, TCP API, UDP PAD, TCP PAD AT commands, UDP API, TCP API, AT commands over SMS								
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 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 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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