QUICKLY DEPLOY AN AFFORDABLE MOBILE TRACKING PLATFORM

MINI MT

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

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 2.0 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.

Key Features

- Quad-band GSM/GPRS (850/900/1800/1900 MHz)
- GPS/A-GPS with tracking of up to 14 satellites
  - Optional multi-day ephemeris support
  - Assisted time to 1st fix; 5 sec @ 5m; 2 sec navigation updates
- Motion sensor and vibrating alerts
- Designed for personal/remote worker programs

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MINI MT QUAD-BAND

MODEL NUMBER	**GSM2228**
CHARACTERISTICS	
Dimensions (L x W x H)	100.4 x 59.0 x 25.4 mm
Housing	Polycarbonate
Weight	< 126 g
RADIO PERFORMANCE	
Frequency (MHz)	850/900/1800/1900
Transmit power	Class 4 (2W@850/900 MHz) Class 1 (1W@1800/1900 MHz)
PACKET DATA	
Mode	Class B, Multislot 8
Protocol	GPRS Release 97
Coding schemes	CS1-CS4
Packet channel	PBCCH/PCCCH
GSM FUNCTIONALITY	
Voice	AMR, EFR, RF & HR
CS data	Asynchronous; Transparent and Non-Transparent up to 14.4 kb
GSM SMS	PDU, MO/MT, Cell Broadcast
GPS FUNCTIONALITY	• 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	Internal 1.8/3 V SIM accessed via battery compartment
Interface	Mini USB jack for power and local data access
Audio	2.5 mm headset
Power	AC adapter and optional vehicle power adapter
INTERFACE	
Host protocols	AT commands, UDP API, PPP
Internal protocols	PPP, UDP API, TCP API, UDP PAD, TCP PAD
API control/status	AT commnads, UDP API, TCP API, AT commands over SMS
ENVIRONMENT	
Operating	–20ºC to 55ºC (Due to Battery Limitations with Lithium Ion)
Storage	–20ºC to 60ºC
Humidity	Up to 95% non-condensing
POWER	
Battery	Rechargeable Lithium-Ion 1340 mAh standard
CERTIFICATIONS	
FCC	Parts 2, 15, 22 & 24
GCF	Version 3.21.1
PTCRB	Version 3.7.1
Industry Canada	Yes
CE Mark	Yes
RoHS Compliant	Yes
PART NUMBER	GSM2228

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