

Enfora MT-GL™

GSM/GPRS

Quad Band Mobile Tracker

Presenting the Enfora MT-GL – one of the smallest and most economical and powerful wireless IP (GPRS/GSM) ruggedized mobile tracking device available today.

The MT-GL includes built in TCP/IP and UDP capability that allows for complete flexibility for a user in customizing a mobile tracker application.

GPS data is made available on-board the MT-GL for transmission to a centralized operations center or web page or to a localized computer or MDT.

The wireless data and voice port are also available for the localized user for e-mail or voice communication.

Call your Enfora representative today or visit our website below.

System Information

L x W x H: 4.25 x 3.0 x 1.25 in
Housing: Seamless Aluminum Extrusion
TX Power: Class 4 (2W @850/900 MHz)
Class 1 (1W @1800/1900 MHz)
Frequency: 850/900/1800/1900

GPRS Packet Data

Mode: Class B, Multislot 10
Protocol: GPRS Rel 97 & SMG 31
Coding Schemes: CS1-CS4
Packet Channel: PBCCH/PCCCH

GSM Functionality

Voice: AMR, FR, EFR, HR
CS Data: Asynchronous,
Transparent and Non-Transparent up to 9.6 KB
GSM SMS: Text, PDU, MO/MT, CB

GPS Functionality

Connector: SMA Female
Antenna: 3.3V Active
GPS Protocols: NMEA, Binary &TAIP*
Buffered GPS Message Feature

Environment

Operating: -30°C to +70°C
Storage: -40°C to +85°C
Humidity: Up to 95% non-condensing
Vibration: In accordance with SAE J1211

Certifications

FCC: Part 15, 22 & 24
GCF: Version 3.11.0, R&TTE
PTCRB: Version 2.9.1
Industry Canada
CE Mark
EMark

Specifications subject to change without notice

Front View



Back View



Application Interface

Host Protocols: PPP, AT, UDP, TCP/IP
Internal Protocols: UDP (PAD), TCP (PAD)
API Control/Status: AT or UDP(PAD), CMUX
Friend's IP Feature
Auto-Registration software upon power-up

Over-The-Air Commands

- I/O Control
- GPS TX Interval
- Binary Reporting
- Timed Reporting
- Alarm Reporting
- Max Speed
- Status Change Reports
- GPS Content
- Event Reporting
- Distance Reporting
- Geo-Fencing
- Virtual Odometer

SIM Card/Interface/I/O

SIM Access: External
GSM Antenna: TNC
LEDs: 3 Status Indicators
I/O Connector: (12 Pin Wago)
2 User Inputs
1 Output
Ignition Sense
Serial Data in/out

Power

DC Voltage:	9 – 30 V		
Spider MT-G 2218 @ 12V	Avg	Peak	
BAND	MODE	(mA)	(A) @ dBm)
GSM 850	1TX/1RX	230mA	2.10 @ 32.5
	900 1RX	105mA	
	Idle	<10mA	
GSM 1800	1TX/1RX	175mA	1.5 @ 29.0
	1900 1RX	105mA	
	Idle	<10mA	

Part Numbers

GSM2218-00 (NEMA, Binary & TAIP)

www.enfora.com