LOGITRAC
HYPERDRIVE

MT-GL Fleet Tracker

The MT-GL
GSM/GPRS Quad Band Mobile Tracker

Presenting the Logitrac MT-GL fleet tracker, one of the most economical and powerful wireless IP(GPRS/GSM) ruggedized mobile tracking devices 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 part are also available for the localized user for email or voice communication. Call a Logitrac sales representative today.

MT-GL Fleet Tracker Benefits

- Location on Demand in Real Time
- Ruggedized box for any type of conditions
- GPRS Class B multi-slot class 10
- Supports 850/900/1800/1900 MHz
- LED status indicators for power, GPS lock and GSM registration

- Internal / External Dual Antenna
- Simplified Over-the-Air Configuration & Provisioning
- Supports TCP, UDP, FTP
- Supports SMS connectivity

Superior Performance, unprecedented reliability – Delivered through the Logitrac MT-GL

MT-GL Fleet Tracker

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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

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   - Status Change Reports
- GPS TX Interval   - GPS Content
- Binary Reporting   - Event Reporting
- Timed Reporting   - Distance Reporting
- Alarm Reporting   - Geo-Fencing
- Max Speed   - 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 (mA)	Peak (A) @ dBM)
BAND	MODE		
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)