



Features

- Locates target object accurately and quickly.
- Works outdoors and indoors such as inside buildings, elevators, even through secure containers.
- Internal GPS and cellular antenna.
- Provides real-time location tracking and monitoring information:
 - On demand
 - Periodically per schedule
 - One rate while moving and another while stationary
 - By designated service area using device-based geofence
- Small form factor.
- Offers long battery life
- Easy to use. Services can be configured over-the-air remotely.
- Flexible deployment scenarios including tracking and monitoring packages, valuable assets, and personnel.

PORTABLE, ASSISTED-GPS TRACKER

The FreightWatch Geo F1, powered by Qualcomm inGeo™ platform, is a small, value-priced, tracking and monitoring device. The inGeo-enabled unit along with FSNtracks service provides an end-to-end solution for dedicated consumer and enterprise-class covert tracking applications. Based on gpsOne™ assisted location-position technology, the Geo F1 tracker operates in impaired environments with no clear view of the sky. Examples include inside buildings, embedded in high-value cargo, and hidden under vehicles. Superior battery management sets the Geo F1 apart. The inGeo platform operates on Qualcomm patented "Low Duty Cycle" technology which provides unique hibernation capability that produces best-in-class operation and standby time.



Geo F1 Covert Tracker and 'Slap & Track' 1000 Magnetic Case

Specifications

Size

- (H) 2.75" x (W) 1.6" x (D) 0.6" or
- (H) 71 x (W) 41 x (D) 16 mm

Weight

- 1.76 ounce, or
- 50 grams

Battery Capacity

- 720 mAH (internal)
- 4,000 mAH (external, requires case)
- 10,000 mAH (external, requires case)
- Remotely configurable
- Sleep Mode to save power

Motion Detection

- Vibration sensor enables separate in-motion and stationary rates

Interfaces

- Two LED indicators (battery & link status)
- Status/On/Off push button

Hardware Platform

- Qualcomm MSM6125™
- M36W0R6050 (8 MB NOR + 4MB PSRAM)



Specifications (cont.)

Network Modes

- CDMA 2000
- 800 MHz and 1900 MHz
- SMS command and response

GPS Modes

- Mobil Set Based Locate (MSBL)
- Mobil Set Assisted Located (MSAL)



Geo F1 Covert Tracker and Sizing Ruler

About FreightWatch

FreightWatch Security Net, a subsidiary of FreightWatch Group, provides covert GPS tracking products and online "track and trace" services that help secure valuable assets like in-transit cargo and surveillance of suspect vehicles. As a specialist in portable, battery powered tracking devices that work where traditional GPS technology does not, FSN is the trusted choice of high-value shippers, the transportation industry and law enforcement agencies. Whether it is asset location assurance, supply chain visibility, or recovery of stolen goods, FreightWatch covert tracking solutions provide a reliable layer of security for a widening range of applications. FreightWatch Security Net enables a total solution for "securing global trade". Founded in 2005, FreightWatch Security Net is based in Austin, Texas and provides cross border logistics security systems to its affiliates in the United States, Europe, Mexico, Malaysia and Brazil.



Geo F1 Covert Tracker with 10,000 mAh Li-Polymer Extended Battery and Model 1010 Magnetic Case

Operating Modes

- On demand (Single locate or "ping")
- Fixed, periodic reporting rate
- Separate in motion and stationary rates
- In device geofence rate

Standards

- IS-95A/B
- IS-2000 (1X) Release 0 and Release A
- IS-637 (SMS)

Waterproof & Environment

- IP50
- Temperature
 - -20°C to +60°C (Standard operation)
 - -40°C to +85°C (Storage)
- Humidity
 - 0-85% (Non-Condensing)

Powered by Qualcomm inGeo™ Platform