Geo-TraxA
Robust 4G LTE Asset Monitoring Device

The Geo-TraxA is a high-value, robust device designed for GPS monitoring of trailers, frac tanks, roll-off boxes, and other non-powered equipment. Ideal for harsh weather and rugged environments. 57 AH Lithium field replaceable battery pack.

- Designed for rugged battery-powered asset monitoring
- Accurate real-time location reporting
- Designed for reliable, multi-year deployments
- Flexible and scalable to meet any requirements

Cloud-based GPS tracking for commercial and government clients.
Global coverage in over 200 countries using a single SIM card!

The Geo-TraxA rugged GPS asset monitoring device is a battery operated non-rechargeable trailer tracking product designed for reliable, multi-year deployments. With its superior, rugged design, it is the ideal solution for managing assets that will be deployed for long periods without maintenance needs.

The Geo-TraxA is a complete trailer and asset tracking device incorporating next generation, super-sensitive GPS technology on GSM/GPRS networks for installation on the exterior of any mobile or stationary asset. Contains a 7-year non-rechargeable lithium battery purpose-built for trailer tracking.

**FEATURES:**

- Tracking Plan: 1-4 daily location reports
- Power Supply: 3.6V DC with overvoltage protection
- LTE Bands: 1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B12) MHz
  3G Bands: 850 (V)/1900 (II) MHz (Fallback)
- Antenna: Internal high-gain GPS/GSM combo antenna
- Notifications: Multiple alert options (geo-fences, speed, and much more) via text message or email
- Historical Playback: 180 days of historical data retention stored at server
- Motion Sensing: Built-in 3-axis precision accelerometer
- Voltage monitoring and low battery notification
- IP67 Rated – Rugged, sealed housing, solid state circuit – quality throughout

**BENEFITS:**

- 100% cloud-based GPS asset tracking...no software to install
- Integrate with fleet tracking and mobile workforce monitoring in one unified platform

**WHAT’S INCLUDED IN THE BOX:**

- Geo-TraxA 4G LTE GPS asset monitoring device
- One SIM card (already installed within device)
Specifications

**Geo-TraxA**

**CELLULAR/NETWORK**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>LTE Cat 1</td>
<td>1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B17) MHz</td>
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<tr>
<td>HSPA/UMTS</td>
<td>850 (V)/1900 (II) MHz</td>
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**DATA SUPPORT**

- SMS, UDP Packet Data, TCP, JSON/REST API

**SATELLITE LOCATION (GNSS)**

- Constellation Support: GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
- Channels: 55 Channel
- Tracking Sensitivity: -167 dBm
- Acquisition Sensitivity: -157 dBm (hot start), -148 dBm (cold start)
- Location Accuracy: ~2.0m CEP Open Sky (GPS SBAS 24 hours static)
- Location Update Rate: 1 Hz
- AGPS Location assistance capable

**COMPREHENSIVE I/O**

- Ignition Inputs: 1 fixed bias
- Digital Inputs: 4 (high/low bias selectable 0-32 VDC)
- Digital Outputs: 3 (open collector relay 150mA)
- Analog Outputs: 1 (external ADC input 0-32 VDC)
- Accelerometer: Built in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection)
- Serial Interface: 2 power TTL ports
- DC Power Output: 1 (switched 3.3V)
- 1-Wire® Interface: 1 (driver ID/temperature sense)
- Status LEDs: 2 (GPS and cellular)

**ENVIRONMENTAL**

- Temperature: -30°C to +65°C (operating and storage)
- Humidity: 95%RH @ 50°C non-condensing
- ESD: IEC 61000-4-2 (4KV test)
- IP Rating: IP67

**CERTIFICATIONS**

- Fully certified FCC, IC, PTCRB, RoHS

**ELECTRICAL**

- Operating Voltage: 3.6V internal battery
- Power Consumption:
  - Typical 30uA @ 3.6V (hibernate)
  - Typical 50uA @ 3.6V (deep sleep)
  - Typical 50mA @ 3.6V (active GPS tracking only)
  - Typical 80mA @ 3.6V (cellular idle only)

**PHYSICAL**

- Dimensions: 9.90 x 2.35 x 2.45" (251 x 60 x 62 mm)
- Weight: 23.2 oz. (658 g)

**CONNECTORS, SIM ACCESS**

- GPS antenna: Internal
- Cellular Antenna: Internal
- SIM Access: Internal (2FF SIM)

**BACKUP BATTERY PACK**

- Battery Capacity: Up to 1000 mAh
- Battery Technology: Lithium-Ion
- Charging Temp: 0°C to +45°C

**WHAT’S IN THE BOX**

- Geo-TraxA device
- (4) 1.25” self-tapping screws
- (4) 1.5” install bolts w/ nuts
- (4) .5” end cap screws
- (8) washers

All specifications are typical and subject to change without notice

**About EasyTracGPS, Inc.**

The eye in the sky is EasyTracGPS. “Delivering Vital Insight through GPS Tracking.” A proven leader in wireless tracking solutions, EasyTracGPS deploys devices that enable clients to optimize their operations by collecting, monitoring, and efficiently reporting business critical data and desired intelligence from high-value remote vehicles, assets, and individuals.