GT1

THE WORLD'S MOST RUGGED
IECEx / ATEX ZONE 0
GPS TRACKING DEVICE

GT1: GLOBAL ASSET TRACKER - RUGGED. REVOLUTIONARY. GLOBAL.

The versatile GT1 tracks assets in locations too challenging for other GPS devices. The GT1's unique rugged metal bezel and fully-encapsulated construction provides durable protection from extreme temperatures, forces and chemicals. The GT1 is not only the world's most rugged device, but also its safest, as it has achieved the highest IECEx/ATEX Zone 0 rating.

TRACK AND TRACE

- OFFSHORE CONTAINERS
- FRAC TANKS
- WELLHEAD EQUIPMENT
- TRAILERS
- CHEMICAL TOTES
- SAND TRAPS
- ISO CONTAINERS

AND MORE...

RUGGED

- ATEX/IECEx-certified for use in Zone 0 hazardous environments
- Stainless steel bezel with multiple hardened mounting methods
- Tested to the most stringent product reliability standards
- Fully-encapsulated construction with IP68 and IP69k protection
- Created specifically for the harshest environments

REVOLUTIONARY

- Small size for versatile installation
- Power efficient design for long service life available
- Requires no user-based maintenance
- Multiple reporting modes available
- Configure in the field over bluetooth with our mobile app

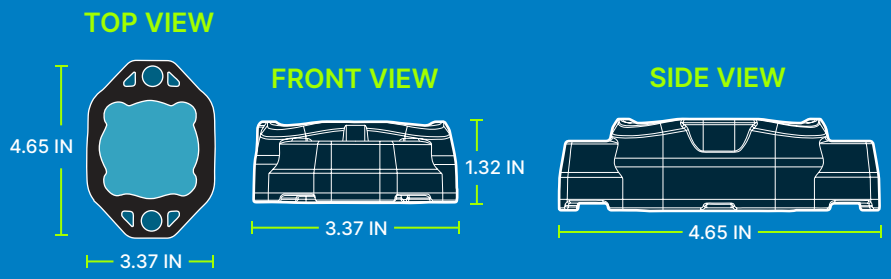
GLOBAL

- 100% satellite-based communication for visibility in remote locations
- Fast deployment anywhere with no additional infrastructure
- Worldwide transmission without complex data roaming agreements
- Certified to operate in numerous countries

5830 Granite Parkway, Suite 1200, Plano, TX 75024 (888)-574-3878 www.geoforce.com

PHYSICAL

Dimensions: 4.65” L x 3.37” W x 1.32” H
(118mm x 86mm x 34mm)
Weight: 1.80 lbs (0.82 kilograms)
Housing: Metallic
Protection: Outdoor Rated Plastic with Heavy Duty Stainless Steel Mounting Bezel



REPORTING MODES & OPTIONS

Scheduled / Interval Reporting
Time Interval Based Reporting
GPS Based Motion Reporting

DEVICE ID/ INTERFACES

1D Bar Code - Unique ESN ID
QR Code - Unique ID, Device URL
Bluetooth Beacon ID for Mobile Field Tools

ENVIRONMENTAL STANDARDS

Operating Temperature: -40°F to 185°F (-40°C to 85°C)
Storage Temperature: 90°F (32°C) MAX for best results
Ingress Protection: IP68 per IEC 60529 to 160ft (50 meters) / IP69K per DIN 40050-9
Immersion: MIL-STD-810G: 512.5 to 160ft (50 meters)
Salt Fog Exposure: MIL-STD-810G:509.5, to 1000 hours
Acidic Atmosphere Exposure: ASTM D543-95, MIL-STD-810G: 518.2
Operational Vibration: MIL-STD-810G: 514.7, to 7.5 Grms Random (5Hz – 2000Hz)
Mechanical Shock: MIL-STD-810G: 516.7 to 300Gpk
Reliability: IPC9592a
RoHs2/WEEE

Additional qualifications apply but are not listed

SATELLITE NETWORK

Globalstar

Protocol: Globalstar Simplex
Frequency: 1611.25 MHz to 1618.75 MHz
Maximum Transmit Power: 23 dBm EIRP (200 milliwatts)
Maximum Transmit Time: 1500 milliseconds

CERTIFICATIONS

ATEX: EN 60079-0, 60079-11
CE 2903 EX II 1 G Ex ia IIC T4 Ga
-40°C ≤ Ta ≤ 65°C, IP68

IECEx: IEC 60079-0,60079-11
Ex ia IIC T4 Ga
-40°C ≤ Ta ≤ 65°C

OSHA Hazardous Location Classification:
Class I: Division 1 Gas Groups A-D T4
Class I: Zone 0 | AEx ia IIC T4 Ga

USA Hazardous Location Safety: UL 60079-0, UL 60079-11, UL 913

Canada Hazardous Location Safety: CSA 22.2 No. 60079-0,11, No. 157-92

FCC Part 15/25 Industry Canada, Rss210/ECES-003, CE R&TTE Directive 1999/5/EC (EU/ETSI), Brazil ANATEL, AUS/NZ RCM-CISPE22

BATTERY LIFE

Configuration	Estimated
Estimated Range:	**Range:**
1 transmit per day	8 to 10 years
2 transmits per day	5 to 8 years
4 transmits per day	2.5 to 4.5 years
6 transmits per day	2 to 3 years
12 transmits per day	1.5 to 2 years
24 transmits per day	1 to 1.5 years

Service life will vary based on operating conditions