



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



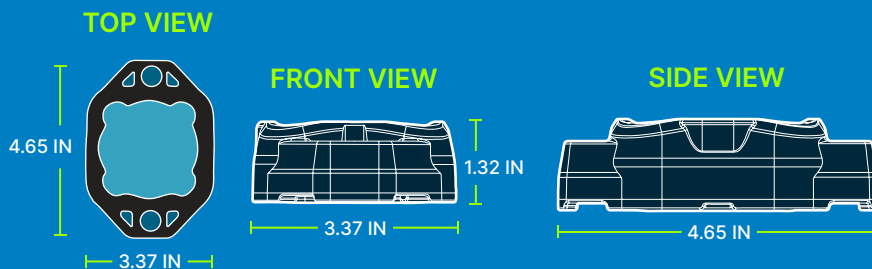
PHYSICAL

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



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, CE0359 II

1 G Ex ia IIC T4 Ga

-40°C ≤ Ta ≤ 64°C, IP68

IECEx: IEC 60079-0,60079-11

Ex ia IIC T4 Ga

-40°C ≤ Ta ≤ 64°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 Range:

1 transmit per day

2 transmits per day

4 transmits per day

6 transmits per day

12 transmits per day

24 transmits per day

Estimated

Range:

8 to 10 years

5 to 8 years

2.5 to 4.5 years

2 to 3 years

1.5 to 2 years

1 to 1.5 years

Service life will vary based on operating conditions