



GT1c

CELLULAR
ASSET



RUGGED AND VERSATILE TRACKING AT AN EXCEPTIONAL VALUE

The GT1c is an ideal field asset tracker for industrial IoT. Engineered for extreme durability, high performance, extended service life and unrivaled reliability, it keeps your field assets visible and your operations running smoothly - even in the harshest environments. The compact GT1c device is available in both intrinsically safe and non-intrinsically safe versions. It provides cost-effective and dependable visibility to all types of non-powered equipment - both indoors and out.

ASSETS TRACKED



CONTAINERS



WASTE BINS



INDUSTRIAL EQUIPMENT



TRAILERS



CHEMICAL TOTES



TANKS



ISO CONTAINERS

AND MORE...

RUGGED

- Durable enough for the most challenging applications
- Optional reinforced plastic mounting bezel available
- 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
- Maintenance-free device
- Multiple reporting modes available (interval, scheduled & motion)
- Configure remotely over cellular or in the field over Bluetooth with our mobile app

CELLULAR

- Low power LTE-M cellular technology provides extended battery life compared to other cellular technologies
- Indoor proximity tracking for when assets move indoors
- 2-way communication over cellular networks well-suited for critical location reporting and alerts, along with remote device access and configuration when it's needed

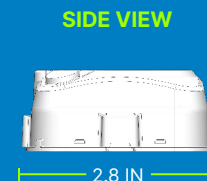
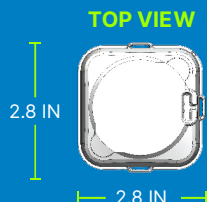
BASE UNIT

Dimensions:

2.8" L x 2.8" W x 1.26" H
(71mm x 71mm x 32mm)

Weight:

0.44 lbs (0.20 kilograms)



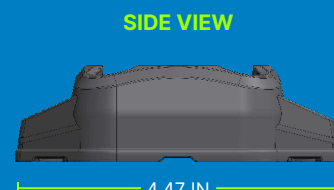
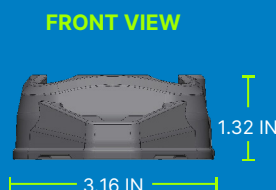
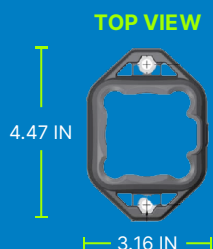
REINFORCED PLASTIC BEZEL

Dimensions:

4.47" L x 3.16" W x 1.32" H
(113.5mm x 80.3mm x 33.5mm)

Weight:

0.164 lbs (0.074 kilograms)



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/WEED

Additional qualifications apply but are not listed

CELLULAR CONNECTIVITY

CELLULAR IOT TECHNOLOGY:

LTE-M (CAT-M1) and NB-IoT (CAT-NB1/NB2)

DEVICE CONFIGURATION:

LTE-M (standard); NB-IoT may be considered for
international markets as required by regional
network availability.

BATTERY LIFE

TRANSMIT FREQUENCY: ESTIMATED BATTERY LIFE:

1 transmit per day	up to 10 years
2 transmits per day	up to 8 years
4 transmits per day	up to 6 years
6 transmits per day	up to 5 years
12 transmits per day	up to 3 years

Service life will vary based on operating conditions.

CERTIFICATIONS

ATEX: EN 60079-0, 60079-11
CE 2903 Ex II 1 G Ex ia IIC T4 Ga
-40°C ≤ Ta ≤ 65°C, IP 68

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

INTERNATIONAL HAZARDOUS LOCATIONS SAFETY:

IECEx IEC 60079-0,11

USA HAZARDOUS LOCATION SAFETY:

UL 60079-0,11, UL 913

CANADA HAZARDOUS LOCATION SAFETY:

CSA C22.2 No. 60079-0,11

EUROPEAN UNION HAZARDOUS LOCATIONS SAFETY:

ATEX Directive 2014/34/EU

BRAZIL HAZARDOUS LOCATIONS SAFETY:

INMETRO ABNT NBR IEC 60079-0,11

WIRELESS CERTIFICATIONS:

FCC Part 15/25
Industry Canada RSS-247/RSS-170
EU CE RED Directive 2014/53/EU
Brazil ANATEL (**Pending**)
Australia/New Zealand RCM

DEVICE IDs/INTERFACES

2D Barcode - Unique ESN ID

Bluetooth Beacon ID for Mobile Field Tools



GT1c Model: OWA1C00