# Global Trak


The Global Trak is a versatile, low cost global frequency RFID-on-and-off metal tag that is ideal for global asset management and datacenter servers.
Its perfect size makes it to fit a wide variety of assets at a cost effective price.

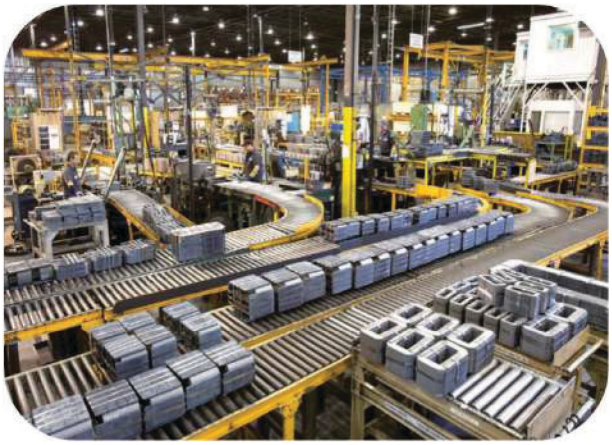
Multi-Surface on/off metal

High performance to size ratio

Cost-effective

Global frequency

Various easily mounting systems



- Global supply chain
- Logistics
- Datacenter servers
- E-commerce

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## Performance Characteristics

| | |
|---|---|
| **Read range (On metal)**[1] | Up to 8 ft (2.5 m) |
| **Read range (Off metal)**[1] | Up to 6 ft (1.8 m) |
| **Polarization** | Linear |
| **Attachment** | Adhesive; build-in ø 0.1 in (2.6 mm) tethering hole |

1. *Fix reader*

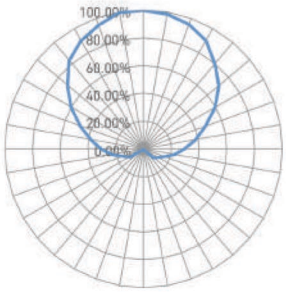
## Functional Specifications

| | |
|---|---|
| **RF protocol** | EPC global Class 1 Gen2 |
| **Frequency** | 860-960 MHz (Global) |
| **IC type (chip)**[1] | Impinj Monza 4QT |
| **Memory** | 128-EPC bits, 512-bit user memory |
| **Material** | Industry grade polymer |

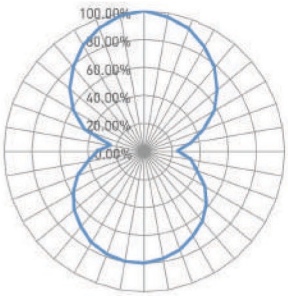
1. *The chip data retention is up to 50 years, based on chip operating under general environment conditions.*

## Radiation Pattern

On metal




Off metal



## Environmental Specifications

| | |
|---|---|
| Operational temperature | -40°C to +85°C |
| Survival temperature | -40°C to +85°C |
| IP rating | IP54 |
| Compression strength | 14.5 psi (100 kPa) |
| Shock (drop) | 3 ft (1 m) to concrete/granite |
| Vibration | MIL-STD-810G |

## Industry Compliance

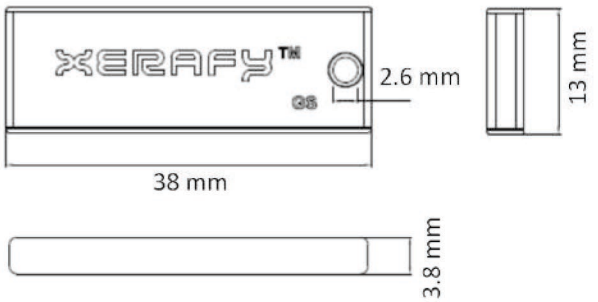
| | |
|---|---|
| RoHS | EU Directive 2011/65/EU |
| CE | Yes |
| ATEX/IECEx | Compliant |
| Warranty | 1 year |

## Order Information

| | |
|---|---|
| X0330-GL011-M4QT | Global Trak |
| Optional service | Encoding / Printing |


## Product Dimensions and Weight

| | |
|---|---|
| Dimensions (in) | 1.50 x 0.51 x 0.16 |
| Tolerance | +/- 0.02 |
| Dimensions (mm) | 38 x 13 x 3.8 |
| Tolerance | +/- 0.35 |
| Tethering hole diameter | 0.1 in +/-0.008 (2.6 mm +/-0.2) |
| Weight | 0.09 oz (2.6 g) |




## Installation Instructions

Instructions for optimal performances:

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc,debris that may affect adhesion.
2. Handle the tag by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the tag in desired tagging location and firmly apply even pressure to the tag for 5 seconds.
4. Do not disturb newly mounted tag for at least 15 minutes to ensure proper adhesive seating.

**About Xerafy**

Xerafy designs and manufactures the world's toughest RFID tags to power Industrial IoT applications in Aerospace, Oil & Gas, Automotive, Healthcare and Manufacturing.