XERAFY®

Global Trak

The Global Trak is an inventory RFID tag that relies on global RAIN RFID frequencies for performance on any metal or plastic surfaces.

Its size makes it a perfect fit for a wide variety of assets, at a sensible 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

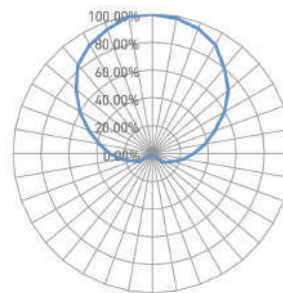|	
Read range (On metal)[1]	Up to 14.8 ft (4.5 m)
Read range (Off metal)[1]	Up to 6 ft (2 m)
Polarization	Linear
Attachment	Adhesive; build-in ø 0.1 in (2.6 mm) tethering hole

1. Fixed reader

Functional Specifications

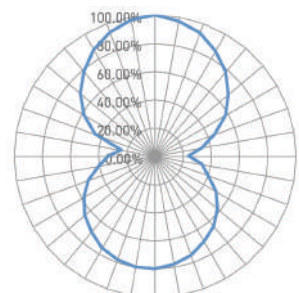|	
RF protocol	EPC global Class 1 Gen2
Frequency	860-960 MHz (Global)
IC type (chip)[1]	Impinj M781
Memory	128 bits EPC, 96 bits TID, 512 bits user memory
Material	Industry grade polymer

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

Radiation Pattern

On metal

Off metal

IMPINJ PARTNER · RAIN RFID · ETSI · FC · RoHS 2002/95/EC · CE · Ex · REACH COMPLIANCE

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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	Certified
Warranty	1 year

Order Information

X0340-GL011-M781	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 4
Tolerance	+/- 0.5
Tethering hole diameter	0.1 in +/-0.008 (2.6 mm +/-0.2)
Weight	0.08 oz (2.4 g)
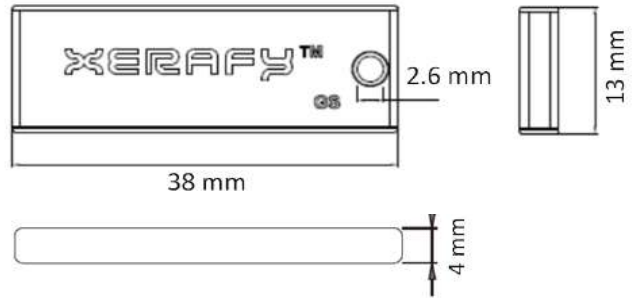
Installation Instructions

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.

For Product inquiries: sales@xerafy.com
Singapore | China | US | UK

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