Data Trak II

The Data Trak II is a cost-effective tagging solution for tracking systems that require an inventory RFID tag to perform on metal and off.

The passive asset tracking RFID tag enables inventory management for data centers, logistics, warehouses, while keeping operating costs down.

Multi-Surface on/off metal

Superior read range

High performance yet cost-effective

Global frequency

Various easily mounting systems

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; ø 0.1 in (2.6 mm) tethering hole

1. *Fixed reader*

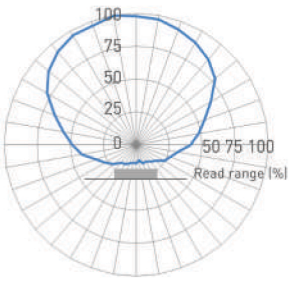
Functional Specifications

RF protocol	EPC global Class 1 Gen2
Frequency	860-960 MHz (Global)
IC type (chip)[1]	Impinj M750
Memory	96 bits EPC, 96 bits TID, 32 bits user memory
Material	Industry grade polymer

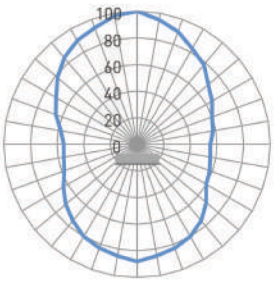
1. *The chip data retention is up to 50 years, based on chip operating under general environment conditions.*

Radiation Pattern

On-metal



Off-metal



- Datacenters
- IT Asset Management
- Manufacturing WIP
- Automated Inventory

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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

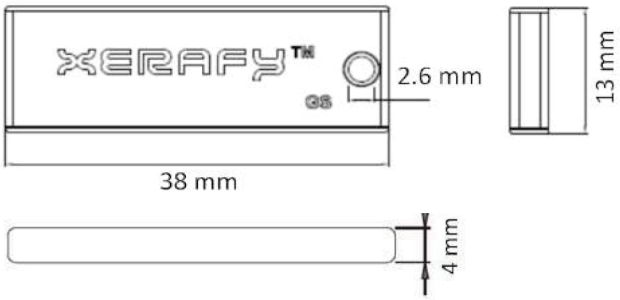
RoHS	EU Directive 2011/65/EU
CE	Yes
ATEX/IECEx	Certified
Warranty	1 year

Order Information

X0330-GL011-M750	Data Trak II
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
Rivet 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.

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