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.





High performance yet cost-effective







Various easily mounting systems



Datacenters	5

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

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Performance Characteristics				
Read range (On metal)	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

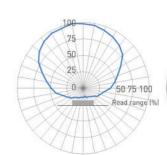
Functional Specifications		
RF protocol	EPC global Class 1 Gen2	
Frequency	860-960 MHz (Global)	
IC type (chip)1	Impinj M750	
Memory	96 bits EPC, 96 bits TID, 32 bits user memory	
Material	Industry grade polymer	

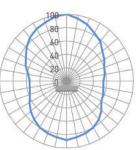
1. The chip data retention is up to 50 years, based on chip operating under general environment conditions.

Radiation Pattern

On-metal

Off-metal











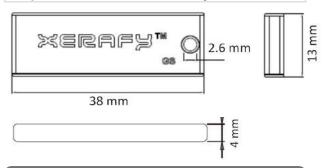
Environmental Specifications			
Operational temperature	-40°C to +85°C		
Survival temperature	-40°C to +85°C		
IP rating	IP54		
Compression strength	14.5 psi (100 kPa)		
Shock (drop)	3 ft (1 m) to concrete/granite		
Vibration	MIL-STD-810G		

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.

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

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