

Slim Trak



The Slim Trak is an inventory RFID tag with a very slim profile, designed to offer asset tracking performance both on metal and on other surfaces.

Designed with source-tagging in mind, the Slim Trak can be integrated into the recess of metal assets without compromising on RF performance.



Small size



Multi-Surface
on/off metal



Low profile and
cost effective



Global frequency



Hi-Temp



Performance Characteristics

Read range (On metal) ¹	Up to 6.5 ft (2 m)
Read range (Off metal) ¹	Up to 4.9 ft (1.5 m)
Polarization	Linear
Attachment	High Performance Adhesive

1. Fixed reader

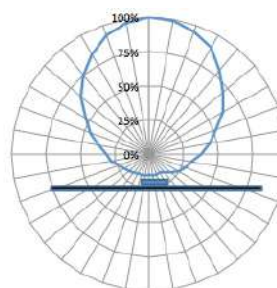
Functional Specifications

RF protocol	EPC global Class 1 Gen2
Frequency	860-960(Global)
IC type (chip) ¹	NXP UCODE 8
Memory	128 bits EPC, 48 bits TID
Material	RF4

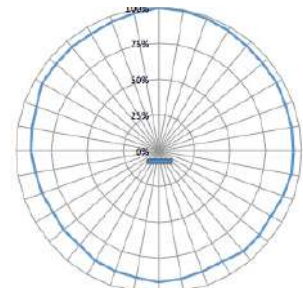
1. The chip data retention is up to 50 years, based on chip operating under general environment conditions.

Radiation Pattern

On-metal



Off-metal



- MRO Tool Tracking
- IT Asset Management
- Military Asset & weapon Tracking

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Environmental Specifications

Operational temperature	-40°C to +85°C
Survival temperature	-40°C to +150°C
IP rating	IP68
Compression strength	14.5 psi (100 kPa)
Impact	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

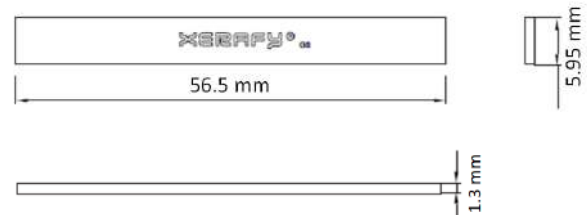
Order Information

X0330-GL001-U8	Slim Trak
Optional service	Encoding / Silk Screen



Product Dimensions and Weight

Dimensions (in)	2.22 x 0.234 x 0.0512
Tolerance	+/- 0.01
Dimensions (mm)	56.5 x 5.95 x 1.3
Tolerance	+/- 0.15
Weight	0.035 oz (1 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
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