# SLIM TRAK

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type** (chip)[1] Alien Higgs 9
- **Chip memory** 96 bits EPC; 96 bits TID; 688 bits user memory
- **Read range** off metal[2] Up to 4.92 ft (1.50 m)
- **Read range** on metal[2] Up to 6.56 ft (2 m)
- **Polarization** Linear
- **Radiation pattern**

On metal   Off metal
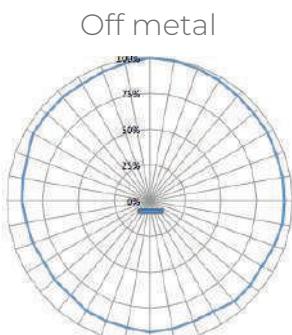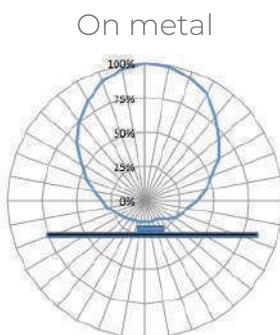
Key Features

+ **Slim profile:** for small asset

+ **Global freq:** worldwide compatibility

+ **150°C:** withstand high temperatures

+ **IP68 rating:** waterproof

Applications

- MRO tool tracking

- IT asset management

- Military asset & weapon tracking

Environmental Specifications

Temperatures

- Operational -40°C to +85°C
  -40°F to +185°F
- Survival -40°C to +150°C
  -40°F to +302°F

- **IP rating** IP68
- **Compression strength** 106 psi (731 kPa)
- **Impact** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

[1] The chip data retention is up to 50 years, based on chip operating under general environment conditions.
[2] Fix reader

XERAFY

Physical Specifications

- **Material** High temperature polymer
- **Dimensions (in)[1]** 2.22 x 0.23 x 0.05
- **Dimensions (mm)[1]** 56.50 x 5.95 x 1.30
- **Weight** 0.04 oz (1 g)
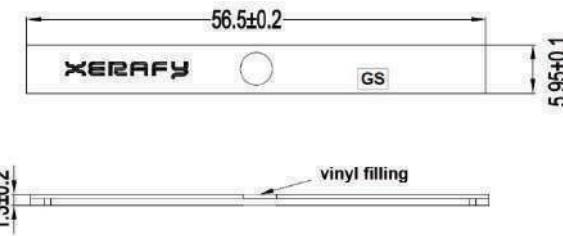
Mounting Systems

· Industrial adhesive

Installation Instructions

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 the newly mounted tag for at least 15 minutes to ensure proper adhesive seating.

[1] Tolerance: +/- 0.01; +/- 0.15

Industry Compliance

RAIN RFID   RoHS 2002/95/EC   REACH COMPLIANCE   CE   ETSI   FC   ISO 9001:2015   ISO 14001

Order Information

Slim TRAK: X0330-GL001-H9

Customization Options

Encoding	Silk Screen
ATEX Certified Version	