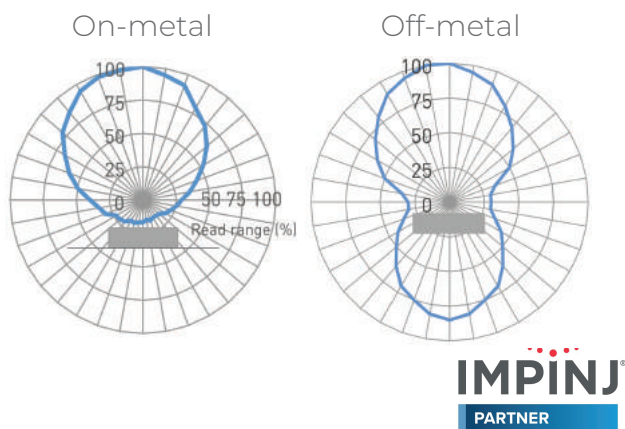# VERSA TRAK

Technical Specifications

- **RF protocol** EPC global Class 1 Gen2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**[1] Impinj M750
- **Chip memory** 96 bits EPC; 96 bits TID; 32 bits user memory
- **Read range** On metal[2] Up to 29.5 ft (9 m)
- **Read range** Off metal[2] Up to 9.8 ft (3 m)
- **Polarization** Linear
- **Radiation Pattern**

On-metal / Off-metal radiation patterns

IMPINJ PARTNER

Key features

+ **Multi-Surface on/off metal**

+ **Superior read range:** up to 9m

+ **High performance yet cost-effective**

+ **Various and easy mounting systems**

Applications

- **Returnable Transport Item (RTI) Management**

- **Pallet Logistics**

- **Storage Rack Identification**

Environmental Specifications

Temperature
- Operational temperature -40°C to +85°C
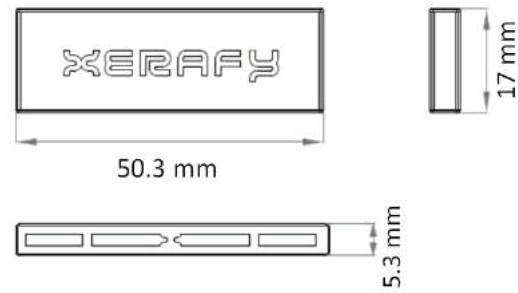- Survival temperature -40°C to +85°C

- **IP rating** IP68
- **Compression strength** 26.1 psi (180 kPa)
- **Shock (drop)** 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

Physical Specifications

- **Material** Industry grade polymer
- **Dimensions (in)[1]** 1.98 x 0.67 x 0.21
- **Dimensions (mm)[1]** 50.30 x 17 x 5.30
- **Weight** 0.11 oz (3 g)

Mounting Systems

· High performance adhesive
· Cable tie (optional)

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.

[1] Tolerance: +/- 0.02; +/- 0.5

Industry Compliance

Order Information

Versa Trak Global: X0350-GL011-M750

Customization Options

Encoding   Printing

ATEX Certified Version