Container Trak

Container Trak delivers industry-leading read-range of up to 20 meters. Engineered for weather-proof durability, it offers the performance and accuracy required for industrial logistics and transportation.

Multi-Surface on/off metal

Superior read range

High performance yet cost-effective

IP68

Various easily mounting systems

- Yard Management
- Production Logistics
- RTI Management
- Long-Distance Shipping

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Performance Characteristics

Read range (On metal)[1]	Up to 65.6 ft (20 m)
Read range (Off metal)[1]	Up to 49.2 ft (15 m)
Polarization	Linear
Attachment	Rivet hole, ø 1/4"M6, Adhesive (optional),Cable tie, Metal Insert (optional)

1. *Fix reader*

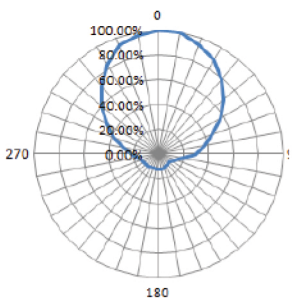
Functional Specifications

RF protocol	EPC global Class 1 Gen2
Frequency	902-928 (US) ; 865-868 (EU)
IC type (chip)[1]	Impinj Monza R6-P
Memory[2]	128-EPC bits, 48-bit unique TID, 32-bit user memory Max user memory 64-bit, 48 TID, 96 EPC bits
Material	High-performance engineered polymer

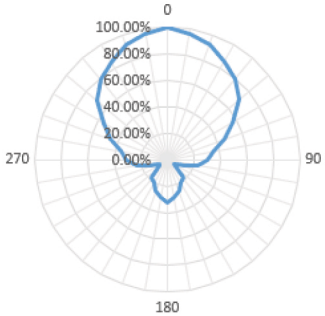
1. *The chip data retention is up to 50 years, based on chip operating under general environment conditions.*
2. *EPC and User Memory can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.*

Radiation Pattern

On-metal



Off-metal



Environmental Specifications

Operational temperature	-40° C to +70°C
Survival temperature	-40°C to +70°C (long term)
IP rating	IP68
Compression strength	29 psi (200 kPa)
Shock (drop)	3 ft (1 m) to concrete/granite
Vibration	MIL-STD-810G

Industry Compliance

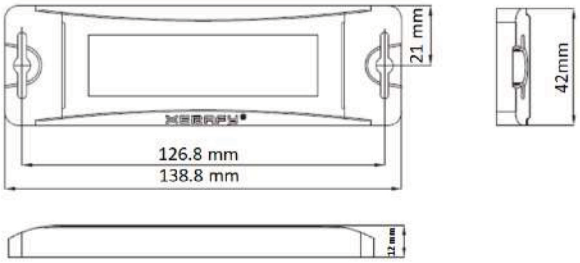
RoHS	EU Directive 2011/65/EU
CE	Yes
ATEX/IECEx	Compliant
Warranty	1 year

Order Information

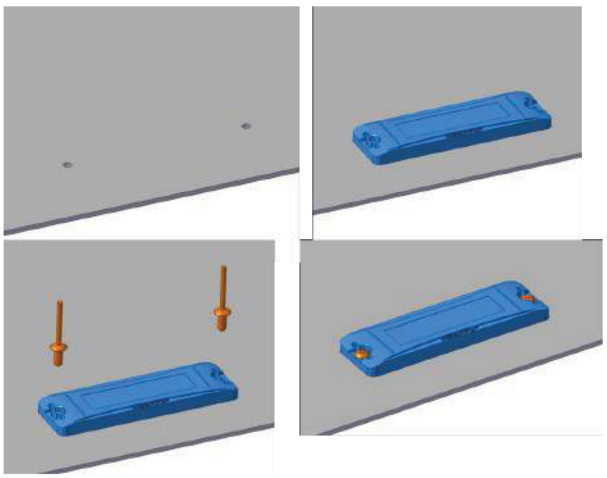
X0360-US100-R6P	Container Trak US
X0360-EU100-R6P	Container Trak EU
Optional service	Encoding / Printing

Product Dimensions and Weight

Dimensions (in)	5.46 x 1.65 x 0.47
Tolerance	+/- 0.02
Dimensions (mm)	138.8 x 42 x 12
Tolerance	+/- 0.5
Weight	1.45 oz (41 g)



Installation Instructions



Instructions for optimal performances:
1.Drill two holes on the subject metal surface.
(ø 1/4"M6, pitch: 126.8mm)
2.Insert two φ5.0 mm (recommended size) rivets on the tag.
3.Fix the tag on the metal surface with a rivet gun.

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.