

## Container Outdoor



Container Outdoor 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



### Performance Characteristics

Read range (On metal) <sup>1</sup>	Up to 65.6 ft (20 m)
Read range (Off metal) <sup>1</sup>	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) <sup>1</sup>	Impinj Monza R6-P
Memory <sup>2</sup>	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

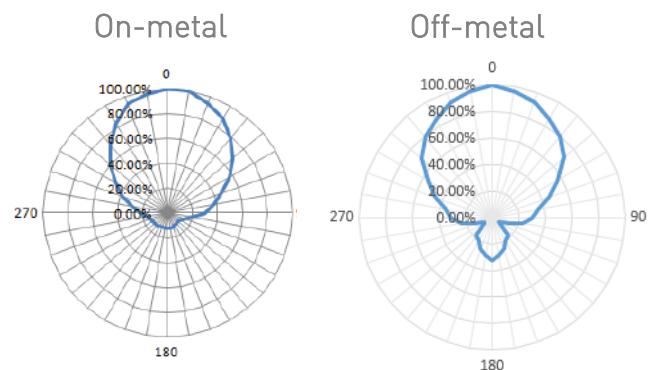
1. The chip data retention is up to 50 years, based on chip operating under general environment conditions.

2. EPC and User Memory can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.

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

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### Radiation Pattern



## Environmental Specifications

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

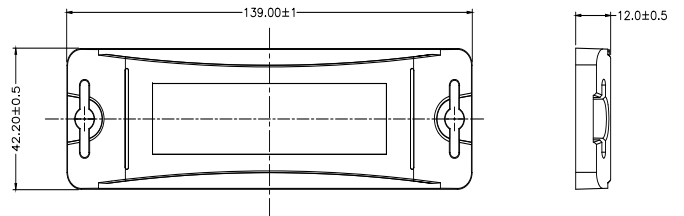
## Order Information

X0361-US100-R6P	Container Outdoor US
X0361-EU100-R6P	Container Outdoor EU
Optional service	Encoding / Printing

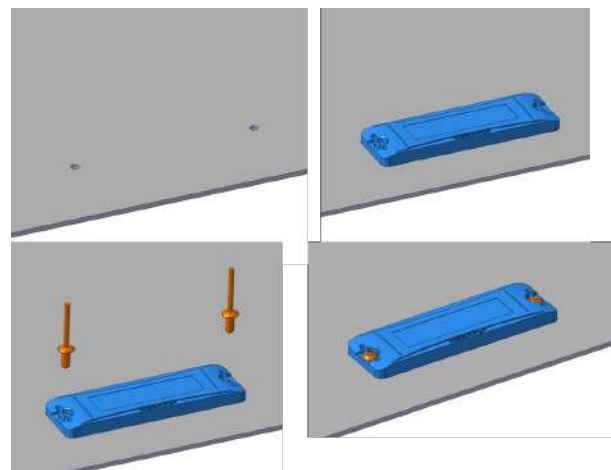


## Product Dimensions and Weight

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.  
( $\varnothing$  1/4" M6, pitch: 126.8mm)
2. Insert two  $\varnothing$ 5.0 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.

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