Omni-ID®
part of HID

TRUST
CONFIDENCE
QUALITY

[Products] you can identify with

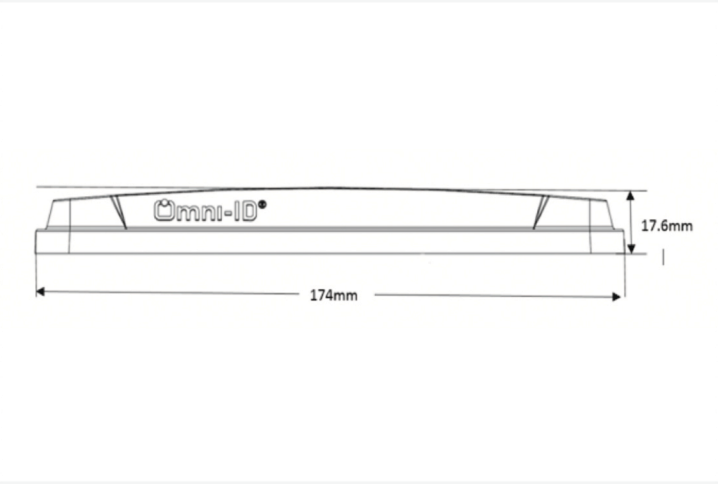
Exo 3000

Omni-ID Exo 3000 is a globally compliant, passive UHF tag with extreme read ranges of up to 35m, on, off or near metals and liquids. Designed for heavy industry and outdoor applications, Omni-ID Exo 3000 features a high impact, water proof, durable encasement. Omni-ID Exo 3000 is an excellent choice for tracking large assets in open storage environments, without the concern of a battery.

Physical Specifications

Material	PC ABS blend
Size	174 x 70 x 17.6 mm 6.85 x 2.76 x 0.69 in
Weight (g)	85
Attachment	Mechanical (standard) or premium foam (option)

Dimensions



Measurements shown in mm

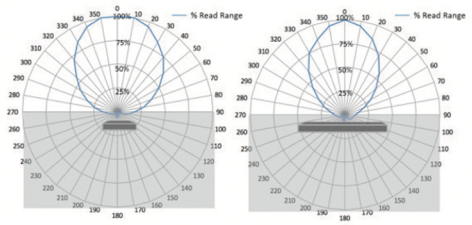
RF Specification

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 - 930 (GS)
Read Range – Fixed Reader	Up to 33m (on metal), Up to 22m (off metal)
Read Range – Handheld Reader	Up to 20m (global)
On Metal or Balanced	Optimized for metal
IC Type (Chip)	Impinj Monza 4QT
Memory	EPC - 128 bits User - 512 bits Unique TID - 48 bits

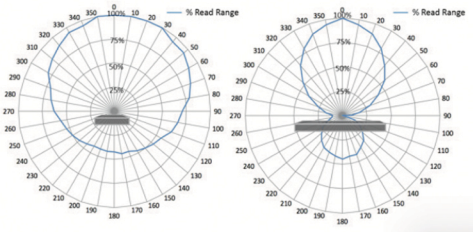
EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

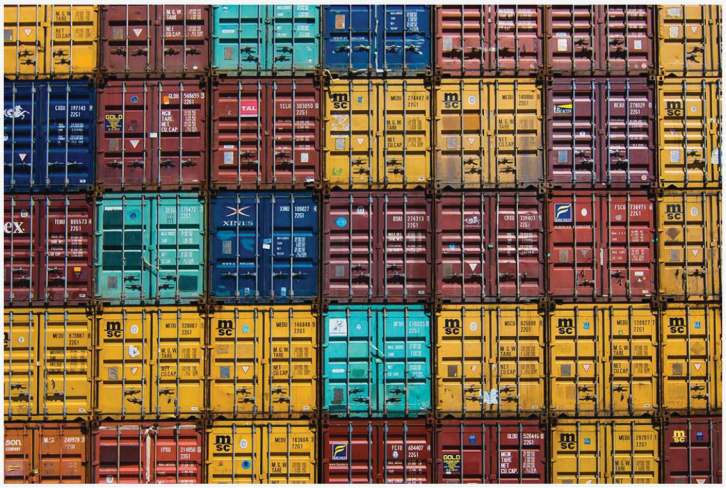
Radiation Patterns

On Metal



Off Metal





With its breakthrough RF performance, the Omni Exo 3000 RFID tag provides a cost-effective solution for applications which previously required semi-passive or active tags including:

- Cargo and Container tracking
- Heavy equipment tracking and maintenance

Environmental Specifications

Operating Temperature	–40°C to +85°C
Max Temperature Exposure	-40°C to 100°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G
Impact	25kg from 1m

Certifications

CE, RoHS, ATEX/IECEx certified (option), US&Canada (C1D1/D2) certified (option)

CE RoHS

Ordering Information

Warranty	3 years
Product Options	:303 (Customization) :304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2) certified) :508 (premium foam) :701 (Standard Service Bureau)
Part Number / Order Codes / Order Numbers	153 - GS

1 (888) 238-1155 Inside USA • 1 (205) 383-2244 Outside USA
info@atlasRFIDstore.com • www.atlasRFIDstore.com
atlasRFIDstore.com