

Omni-ID[®] Exo 600

Omni-ID Exo 600 is a small, high performance, global RFID tag designed to meet the diverse needs of logistics industries. With a small footprint it is well suited for attachment to metal bars commonly found on RTI's. Exo 600 has a long read range and broad read angle for industrial and warehouse portal applications and is easily mounted using rivets or closed cell foam adhesive.

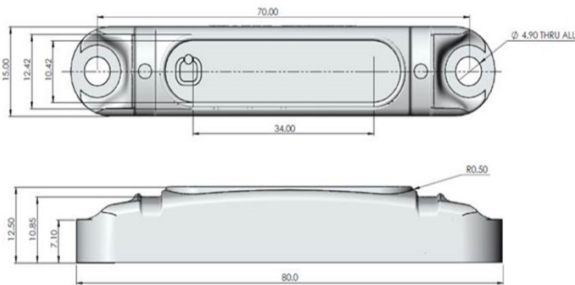
Applications

With a small footprint and high performance, Exo 600 is ideally suited for RTI applications in the following industries

- ▶ Logistics and Postal
- ▶ Automotive
- ▶ Retail and Warehousing

Physical Specifications

Encasement	Grey ABS Rigid Plastic
Size (mm)	80 x 15 x 12.5
Size (in)	3.15 x 0.59 x 0.48
Weight (g)	12.5



Dimensions stated in mm
Note: Grey tag and Transparent tag are the same size

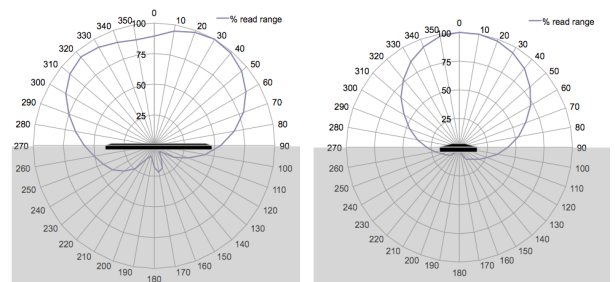
RF Specifications

Protocol	EPC Class 1 Gen2v2
Frequency Range (MHz)	860-930 (GS)
Read Range (Fixed reader) ¹	Up to 6.0m
Read Range (Handheld reader) ¹	Up to 3.0m
Material Compatibility	Optimized for Metal
IC Type (chip)	Impinj Monza 4QT
Memory ²	EPC - 128bits User - 512bits Unique TID - 48bits

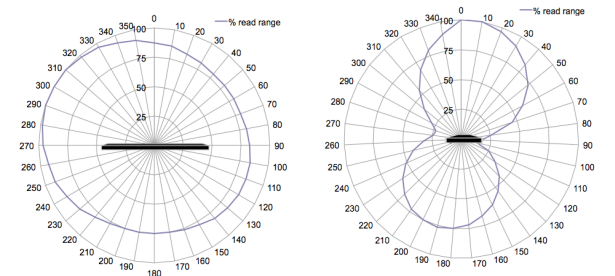
1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.
2. EPC and User memory are reprogrammable, UTID is locked at point of manufacture.

Radiation Patterns

On Metal



On Plastic



Related Products and Services

- ▶ **Omni-ID IQ 800P** - Large premium label for plastic assets.
- ▶ **Omni-ID Exo 750**- Extreme durability, long range and global operability in a small, square footprint.
- ▶ **Omni-ID Exo 800** - Extreme durability, long range outdoor and industrial environments.
- ▶ **Service Bureau** - Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specifications

Storage Temperature¹ -40 ° to +85 °C

Operation Temperature¹ -40 ° to +85 °C




Survivability¹ -40 ° to +85 °C

IP Rating IP68

Shock and Vibration MIL STD 810-G

Impact² 10kg from 1m

Attachment Mechanical (std)
Cable Tie
Premium Foam (option)

Certifications



 RoHS approved
 CE approved
 ATEX/IECEX certified (option)
 US&Canada (C1D1/D2) certified (option)

Warranty 3 years

¹ Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings.

² Testing methodology available on request

Ordering Information

Order Code 061- GS

Option Codes :303 (Customization)
:304 (ATEX/IECEX certified)
:307 (US&Canada (C1D1/D2) certified)
:508 (Premium foam)
:701 (Standard Service Bureau)



Laser Marking is a Standard Service Bureau Option (:701)

Transparent tags offer protection to product marking, Customization Option (:303)

Omni-ID office locations: US | UK | China | India | Germany
For product or technology inquiries email: sales@omni-id.com