Omni-ID

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.
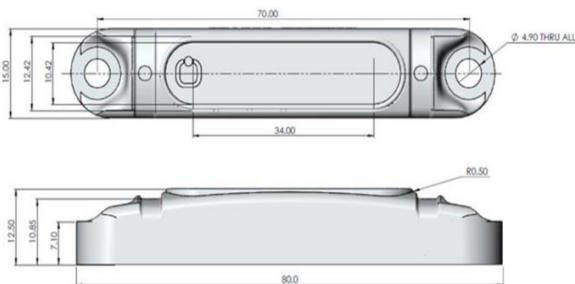
Applications

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
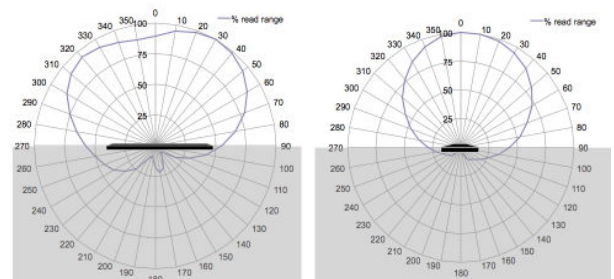
RF Specifications

Protocol	EPC Class 1 Gen2v2
Frequency Range (MHz)	860-930 (GS)
Read Range (Fixed reader)[1]	Up to 6.0m (on metal) Up to 4.0m (off metal)
Read Range (Handheld reader)[1]	Up to 3.0m (on metal) Up to 2.0m (off metal)
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.
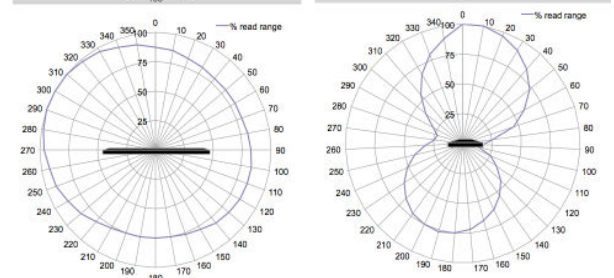[2] EPC and User memory are reprogrammable, UTID is locked at point of manufacture.

Radiation Patterns

On Metal

On Plastic

![Omni-ID logo]

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 Temperature[1]	–40 ° to +85 °C
Operation Temperature[1]	–40 ° to +85 °C
Survivability[1]	–40 ° to +85 °C
IP Rating	IP68
Shock and Vibration	MIL STD 810-G
Impact[2]	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) :332 (Transparent case) :508 (Premium foam) :701 (Standard Service Bureau)

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

Transparent tags offer protection to product marking, MOQ 10k (:332)