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Omni-ID™ Prox

Omni-ID Prox offers the smallest form factor and best performance in a metal environment of any UHF RFID Tag on the market. The Prox is available as a regionally-tuned tag, or broadband tag providing strong global functionality across all geographic regions.



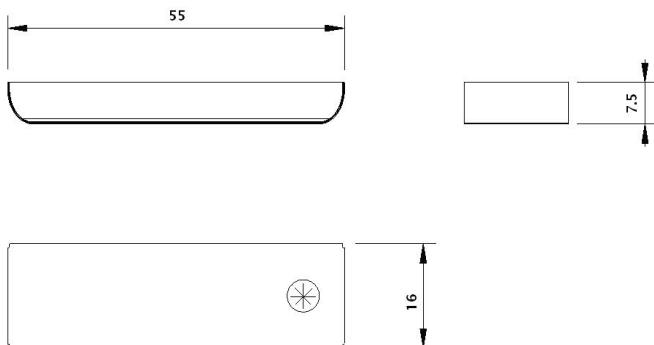
Omni-ID Prox comes standard with a printed label finish. It is also available in a low profile ruggedized rigid case for applications with harsh environmental requirements.

Target Applications

With their low profile and small footprint, Prox tags are ideally suited for asset tracking and management of small high-value assets, such as:

- ▶ Servers
- ▶ Routers
- ▶ Disk Drives
- ▶ Tools and manufacturing equipment
- ▶ Construction helmets

Dimensions



Product Specifications

	Prox Label	Prox ABS
Read Range	Balanced Up to 3.0m (US) Up to 2.0m (EU) Up to 2.5m (Global)	Balanced Up to 3.0m (US) Up to 2.0m (EU) Up to 2.0m (JPN) Up to 2.5m (Global)
Size (mm)	33 x 10 x 4.5 (US) 35 x 10 x 4.5 (EU) 33 x 10 x 4.5 (JPN)	55 x 16 x 7.5
Size (in)	1.30 x 0.39 x 0.18 (US) 1.38 x 0.39 x 0.18 (EU) 1.30 x 0.39 x 0.18 (JPN)	2.2 x 0.6 x 0.3
Weight (g)	1.6	5.3
Encasement	Label	Rigid case (ABS)
Frequency Range (MHz)	902–928 (US) 866–868 (EU) 860–960 (Global)	902–928 (US) 866–868 (EU) 952–954 (JPN) 860–960 (Global)
IC Type	Alien Higgs 3	Alien Higgs 3 (EU, US) Alien Higgs 2 (JPN)
User Memory (bits)	512	512
Operating Temperature (°C) ²	+5 to +40 °C	-20 to +55 °C
Storage Temperature (°C) ²	0 to +50 °C	-20 to +65 °C
IP Rating	IP56	IP68
Shock and Vibration ³	MIL STD 810-F BS EN 60068-2	MIL STD 810-F BS EN 60068-2
Attachment	Film Adhesive (std.) Foam Adhesive	Film Adhesive or manual (std.) Foam Adhesive (opt.)
Order Number	011-EU 011-US 011-GS	012-EU 012-US 002-JPN 012-GS :503 (foam)

1. Quoted performance achieved using standard Omni-ID test methodology, details available upon request.
 2. Temperature testing methodology in accordance with BS EN 60068-2-1 and BS EN 60068-2-2.
 3. Product designed to meet MIL STD 810-F and BS EN 60068-2. Please contact Omni-ID for further details.

Omni-ID™ Prox

Contact Information

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