



Omni-ID Prox® label

Omni-ID Prox label offers the smallest form factor, material agnostic, RFID tag on the market. Provided as a regionally-tuned tag, or broadband, globally compliant tag, Omni-ID Prox label forms an excellent platform for an easy to deploy, hassle free IT asset management solution. Supplied with a synthetic label finish, Omni-ID Prox label is knock and splash resistant and suitable for long term use in office environments.

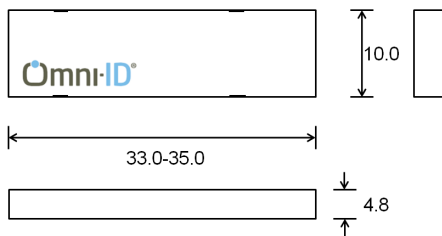
Applications

With its on and off metal read performance and small form factor, Omni-ID Prox label is ideally suited to IT Asset management applications, including tracking:

- ▶ Rack mounted servers.
- ▶ Routers and Blades.
- ▶ General IT and Office equipment.

Physical Specifications

Encasement	Synthetic Label
Size (mm) (tolerance)	33 x 10 x 4.8 (US) 35 x 10 x 4.8 (EU,GS) (+/- 0.5)
Size (in) (tolerance)	1.30 x 0.39 x 0.19 (US) 1.38 x 0.39 x 0.19 (EU,GS) (+/-0.02)
Weight (g)	1.7 (US) 1.9 (EU,GS)



Dimensions stated in mm

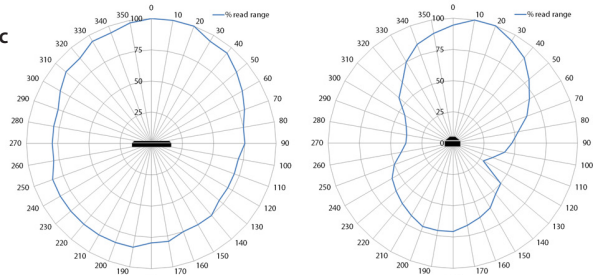
RF Specifications

Protocol	EPC Class 1 Gen2
Frequency Range (MHz)	902–928 (US), 866–868 (EU) 860–960 (global)
Read Range (Fixed reader) ¹	Up to 3.0 (US), Up to 2.0 (EU) Up to 2.5 (GS)
Read Range (Handheld reader) ¹	Up to 1.5 (US), Up to 1.2 (EU) Up to 1.3 (GS)
Material Compatibility	Metal and non-metallic substrates
IC Type (chip)	Alien H3
Memory ²	EPC - 96bits User - 512bits TID - 64bits

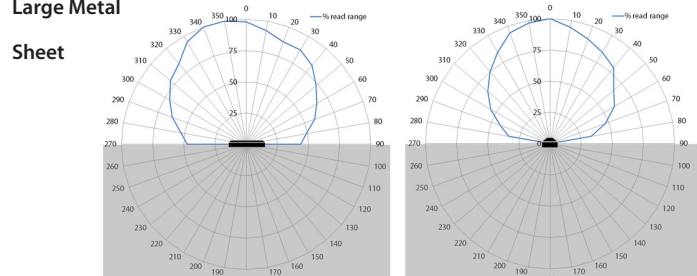
1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.
2. EPC and User memory are reprogrammable, TID is locked at point of manufacture.

Radiation Patterns

On Plastic



Large Metal Sheet



Related Products and Services

- ▶ **Omni-ID Prox NG** - Market leading consistency in a small form factor tag for large enterprise IT environments.
- ▶ **Omni-ID IQ 400P**- Small premium label for plastic assets.
- ▶ **Omni-ID Prox Rigid**- Small form factor, durable RFID tag for industrial and outdoor environments with metal and plastic assets.
- ▶ **Service Bureau** - Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specification

Operating Temperature	+5 to +40 °C
Long term Max Temperature ¹ exposure - (days,weeks,years)	+40 °C
Short term Max Temperature ¹ exposure - (minutes,hours)	+55 °C
IP Rating	IP54
Shock and Vibration	MIL STD 810-F
Attachment	Film adhesive (standard) Standard foam adhesive (option) Premium foam adhesive (option)
Certifications	RoHS approved CE approved ATEX/IECEX certified (option) US&Canada (C1D1/D2) certified (option)
Warranty	1 year

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

Ordering Information

Order Numbers	011- EU, US, GS :304 (ATEX/IECEX certified) :307 (US&Canada (C1D1/D2) certified) :507 (std. foam), :508 (premium foam) :510 (tether cradle) :701 (Standard Service Bureau) :702 (Custom Service Bureau)
---------------	--

For more information, contact:

Omni-ID Corporate Headquarters:
1200 Ridgeway Ave
Rochester, NY 14615 USA

European Office:
The Enterprise Centre
Coxbridge Business Park
Alton Road, Farnham, Surrey
GU10 5EH, United Kingdom

Asia Office:
Process Export zone
East of Road No.4 and South of Road No.2
Chengyang District
Qingdao
266113, P.R. China

For product or technology inquiries:
Email customer.services@omni-id.com

032012



BSR idware GmbH
Jakob-Haringer-Str.3
A-5020 Salzburg
Web: www.bsr.at

