

[Products] you can identify with



IQ 350

Omni-ID's IQ 350 labels provide on metal tag functionality, within a small, low profile, easy to deploy label. With the smallest size to performance ratio in the market, the IQ 350 also boasts a wide read performance making this an ideal choice for portal applications. Optimized for thermal barcode printers, the IQ 350 enables low cost, hassle-free RFID deployment.

Applications

With a thin profile and label presentation, Omni-ID's IQ 350 labels are ideal for on-metal applications such as:

- IT, office, hospital and laboratory asset tracking
- Logistics involving metallic packaging
- Intermodal logistics

Dimensions



Measurements shown in mm

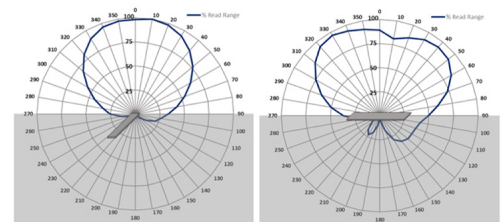
Physical Specifications

Material	Synthetic Label
Size	50.0 x 12.5 x 1.35 mm 1.97 x 0.49 x 0.05 in
Weight (g)	0.50
Attachment	Self-adhesive suitable for curved surfaces to a minimum radius of 58mm

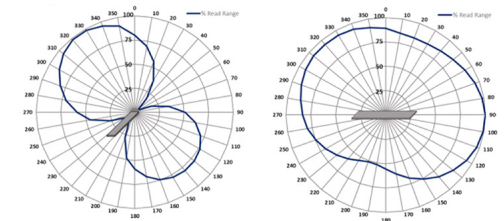
Product dimensions shown above are the maximum. Batch to batch variation could be within 5%. Unspliced sections will be within 0.2mm tolerance.

Radiation Patterns

On Metal



Off Metal



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Environmental Specifications

Operating Temperature	-40°C to +85°C
Max Temperature Exposure	-40°C to +85°C
Application Temperature	+18°C to +35°C
IP Rating	IP68
Printer Compatibility	SATO, Zebra

Certifications

CE, RoHS



Operational Specifications

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 3.5m (11.4 feet)
Read Range – Handheld Reader	Up to 2m (6.5 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
IC Type (Chip)	Monza R6-P
Memory	EPC - 128 (96) bits User - 32 (64) bits Unique TID - 48 bits

Quoted performance achieved using standard testing methodology on Aluminium test plates. Read range is dependent on multiple factors such as; RFID reader transmit power and receiver sensitivity, asset material and environment. Please see the Omni-ID On Metal Labels User Guide for more detail.
2 EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Ordering Information

Warranty	1 year								
Product Options	:303 Customization - 4 color static print :315 Overlamination :536 Textured surface adhesive :701 (Standard Service Bureau)								
Part Number / Order Codes / Order Numbers	158 - (US, EU)								
Supply Format	900 labels per roll								
Minimum Order Quantity	<table border="1"> <tr> <td>Overlamination</td> <td>10,800 labels (12 rolls)</td> </tr> <tr> <td>Customization</td> <td>10,800 labels (12 rolls)</td> </tr> <tr> <td>Service Bureau</td> <td>900 labels (1 roll)</td> </tr> <tr> <td>Standard label</td> <td>900 labels (1 roll)</td> </tr> </table>	Overlamination	10,800 labels (12 rolls)	Customization	10,800 labels (12 rolls)	Service Bureau	900 labels (1 roll)	Standard label	900 labels (1 roll)
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For product or technology inquiries email: sales@omni-id.com.
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