



[Products] you can identify with



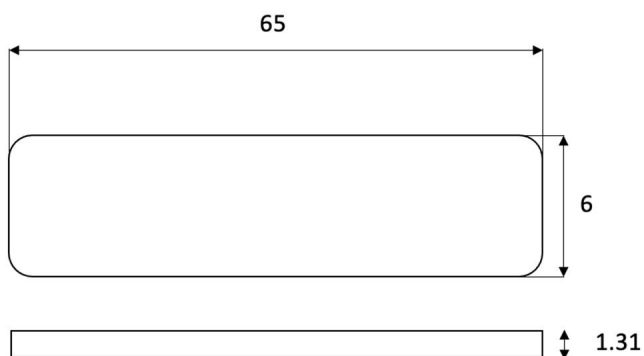
IQ 300 U-Code8

Omni-ID's IQ 300 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 300 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.

Physical Specifications

Material	Premium Synthetic Label
Size	65 x 6 x 1.31 mm 2.5 x 0.23 x 0.051 in
Weight (g)	0.279 +/-0.006
Attachment	Self Adhesive

Dimensions



Sizes Shown in mm

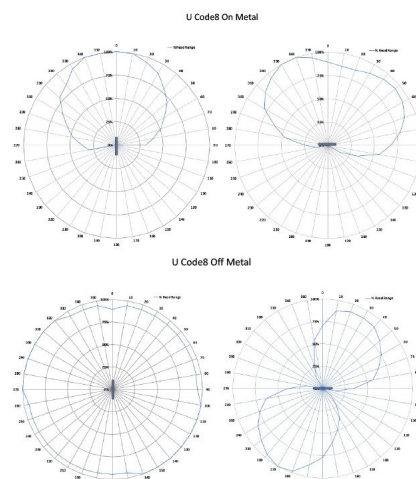
Measurements shown in mm

RF Specification

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 3.6m (11.81 feet)
Read Range – Handheld Reader	Up to 1.8m (5.9 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
IC Type (Chip)	U-Code8
Memory	EPC - 128 bits User - 0 Unique TID - 48 bits

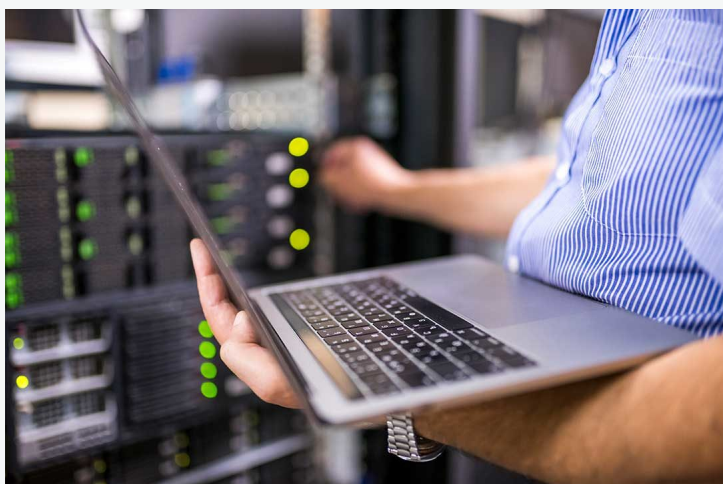
Quoted performance achieved using standard testing methodology on Aluminium test plates. Read range is dependent on multiple factors such as; RFID reader transmit power and receiver sensitivity, asset material and environment. Please see the Omni-ID On Metal Labels User Guide for more detail. EPC and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

Radiation Patterns





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With a thin profile and label presentation, Omni-ID's IQ 300 labels are ideal for on-metal applications such as:

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

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
Shock & Vibration Tolerance	MIL-STD-810 G

Certifications

CE, RoHS



Ordering Information

Warranty	1 year	
Part Number / Order Codes / Order Numbers	EU - CP 14955	
	US - CP14953	
Supply Format	1000 labels (1 roll)	
Minimum Order Quantity	Standard Label	1000 labels (1 roll)
	Service Bureau	1000 labels (1 roll)