



# [ Products ] you can identify with



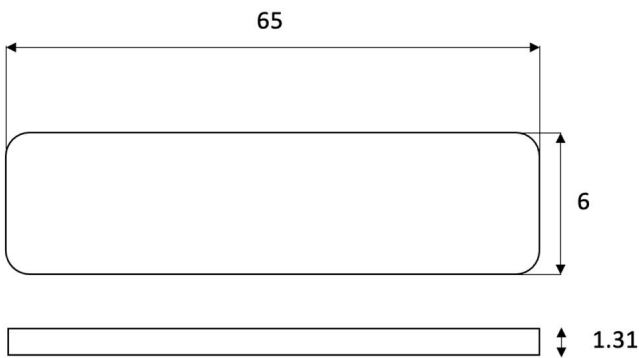
## IQ 300 U-Code8

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

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

### Dimensions



Sizes Shown in mm

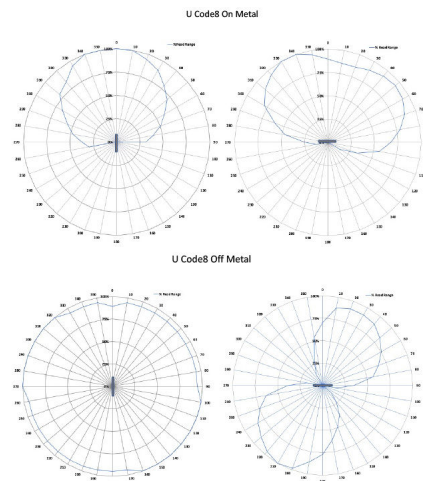
Measurements shown in mm

### RF Specifications

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

## Certifications

CE, RoHS



## Environmental Specifications

<b>Operating Temperature</b>	-40°C to +85°C
<b>Max Temperature Exposure</b>	-40°C to +85°C
<b>Application Temperature</b>	+18°C to +35°C
<b>IP Rating</b>	IP68
<b>Shock &amp; Vibration Tolerance</b>	MIL-STD-810 G

## Ordering Information

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