Omni-ID®

Omni-ID® Prox 200

Omni-ID's Prox 200 is a small form factor, global, RFID tag designed specifically for enterprise IT asset management environments. Market leading consistency is provided through its broadband RF design which supports handheld and portal use cases on both metal and plastic assets alike. As a truly balanced tag, the Prox 200 will provide an ideal option for all surfaces in IT asset management applications.

Applications

With its low profile, small footprint and consistent RF performance, the Prox 200 is ideally suited to IT asset management applications including tracking:

▶ Rack mounted servers

▶ Routers and blades

▶ General IT and office equipment

Physical Specifications

Material	HIPS core with synthetic label
Size (mm)* (tolerance)	35.0 x 10.0 x 5.0 (+/- 0.5)
Size (in)* (tolerance)	1.38 x 0.39 x 0.20 (+/-0.02)
Weight (g)	1.76

RF Specifications

Protocol	EPC Class 1 Gen2V2
Frequency Range (MHz)	860-930 Global
Fixed Reader - On Metal	Up to 2.4m EU Up to 4.4m US
Handheld Reader - On Metal	Up to 1.5m EU Up to 2.9m US
Fixed Reader - Off Metal	Up to 2.3m EU Up to 2.6m US
Handheld Reader - Off Metal	Up to 2.0m EU Up to 1.8m US
Material Compatibility	Balanced for all substrates
IC Type (chip)	Monza 4QT
Memory [2]	EPC - 128bits User - 512bits UTID - 48bits

[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, UTID is locked at point of manufacture.

35mm

10mm

5mm

Dimensions stated in mm

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Related Products and Services

▸ **Omni-ID IQ 350 -** The smallest ultrathin label, easy to deploy and optimized for thermal barcode printers.

▸ **Omni-ID IQ 600-** Small balanced Ultrathin premium label for on-metal functionality, supplied in roll form.

▸ **Omni-ID Flex 600 -** Flexible, cost effective tag, ideal for data center and office equipment including portal setups.

▸ **Service Bureau -** Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.

Environmental Specifications

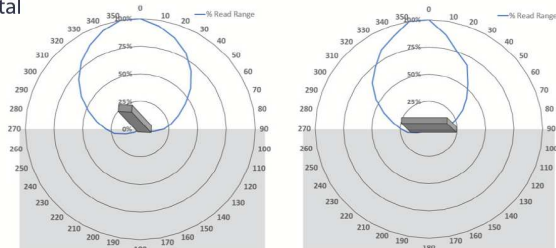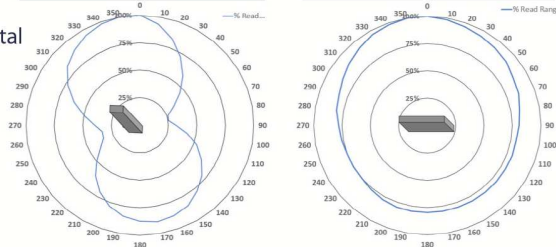|	
Storage Temperature	−40 to +85ºC
Operation Temperature [1]	−40 to +85ºC
IP Rating	IP54
Shock and Vibration	MIL STD 810-G
Attachment	Foam Adhesive included
Certifications	RoHS approved, CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)
Warranty	1 year

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

Ordering Information

Order Codes:	157 GS
Option Codes:	
	:303 (Customization)
	:304 (ATEX/IECEx certified)
	:307 (US&Canada (C1D1/D2) certified)
	:510 (Tether cradle)
	:701 (Standard Service Bureau)

A white printable label will replace the standard black label when a printable label is required.

Radiation Patterns

On metal

Off metal

1 (888) 238-1155 Inside USA • 1 (205) 383-2244 Outside USA
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atlasRFIDstore.com