

API-Jr.

Small Form Factor Metal Surface Tag Indoor Asset Tracking



- *The API-Jr. is a small footprint, metal surface tag that provides the read range and low profile desired for use on IT assets such as networking equipment and servers in data centers.*
- *Its low profile also makes it suitable for weapons, laboratory equipment and work in process tracking.*
- *Its core construction provides inherent durability for use in many warehouse and manufacturing environments.*
- *The API-Jr. is available with high a temperature/high impact upgrade option.*

ADVANTAGES

- *Read distances of 8 - 10 feet on metal surfaces*
- *High performance acrylic adhesive*
- *Low profile, small footprint providing excellent performance-to-size ratio*
- *96-bit EPC memory and 512-bit user memory*

Common Applications:

- Metal containers*
- IT Assets*
- Laboratory equipment management*
- Work in process*
- Weapons management*

Physical Specifications

Tag Dimensions	1.43 L x 0.43 W x 0.11 H (inches) 36.3 L X 10.9 W X 2.8 H (mm)
Weight	2 grams
Attachment Method	High Performance 3M® Acrylic adhesive

RF Specifications

IC Type	Alien Technology Higgs3
User Memory	512 bit
EPC Memory	96 bit
Operating Frequency	902-928 MHz (US Band)
Read Range (Typical)	8-10 feet at 36 dBm ERP

Environmental Specifications

Ingress Protection (IP) Classification	IP67
Operational Temperature	-50°C to 85°C (-58°F to 185°F)
Application Temperature	-40°C to 93.3°C (-40°F to 200°F)
Mounting Substrates	Metal

☎ 800.382.2323 (toll free) 📠 858.549.8708
☎ 858.549.9828 ✉ Mail@ExpressCorp.com

9155 Trade Place, San Diego, CA 92126 | ExpressCorp.com

ISO 9001:2008 Certified - ITAR Registered
Member: Automatic Identification Manufacturers Association
Member: AIM UID Supplier Alliance
Member: National Assn. of Graphic Identification Product Manufacturers
Member: Specialty Graphic Imaging Association

