



***This small form factor RFID tag is ideal for IT inventory management or location monitoring of high-value metal or liquid assets.***

This small form factor RFID tag features high reliability and accuracy on any material in any environment. With outstanding performance-to-size ratio, it provides high-performance RFID tag identification in metallic or non-metallic environments with a read range of over 5 m. It is encapsulated within a low-profile ruggedized rigid case, allowing it to perform well even in harsh environments. This RFID tag is convenient for application to assets with limited surface area such as laptop computers, shelf-edge retail warehouse racks or other equipment requiring low-profile RFID tags.



### **Key Features**

- ✓ High reliability and accuracy on any material in any environment
- ✓ Outstanding performance-to-size ratio
- ✓ Read distances of up to 5 m
- ✓ 512-bit memory capacity
- ✓ 240 bit EPC global Class 1 Gen 2 compliant silicon
- ✓ Low-profile ruggedized rigid case

### **Application**

- ✓ Asset management such as laptop, pallet and carts tracking
- ✓ Construction helmets and manufacturing equipment tracking
- ✓ Returnable transport items tracking
- ✓ Ideal for IT inventory management or location monitoring of high-value metal or liquid assets



**Technical Specifications**

Frequency	866 MHz to 868 MHz
IC Type	Alien Higgs 3 chip
User Memory	512 bits
Read Range on Metal	Up to 5 m
Read Range off Metal	Up to 5 m
IP Rating	IP68
Shock and Vibration	MIL STD 810-F BS EN 60068-2
Weight	11.6 g
Dimensions	100 mm x 21 mm x 7.2 mm (+/- 1.0 mm) 3.9 in x 0.8 in x 0.28 in (+/- 0.04 in)
Housing	Rigid case (ABS)
Operating Temperature	-20 °C to 55 °C
Attachment	Manual (std.) Film adhesive (opt.) Foam adhesive (opt.)

**GAO Group**

- [GAORFID.com](http://GAORFID.com)
- [GAOTek.com](http://GAOTek.com)
- [GAORFIDAssetTracking.com](http://GAORFIDAssetTracking.com)
- [GAOComm.com](http://GAOComm.com)
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