



***This survivor tag offers the longest read distance (can be read from a range of five to seven meters) in the market and is suitable for returnable transit items and contents of any kind.***

This passive Ultra-High Frequency (UHF) Gen 2 RFID tag operates in a frequency range from 865MHz to 928MHz. It is provided with a memory capacity of 96-bit with EPC Impinj Monza or 512-bit with EPC NXP G2. The requirements for high-speed tag reading are met through Class 1 Gen 2 protocol compliance. This unit can be mounted to any surface, including metal, which is usually an insurmountable obstacle for the using passive RFID. The durable RFID tag is encapsulated with HIPS/ABS/PC package allowing for robust operation even in harsh environmental circumstances. Additionally, it brings about the lowest tagging cost in the market.

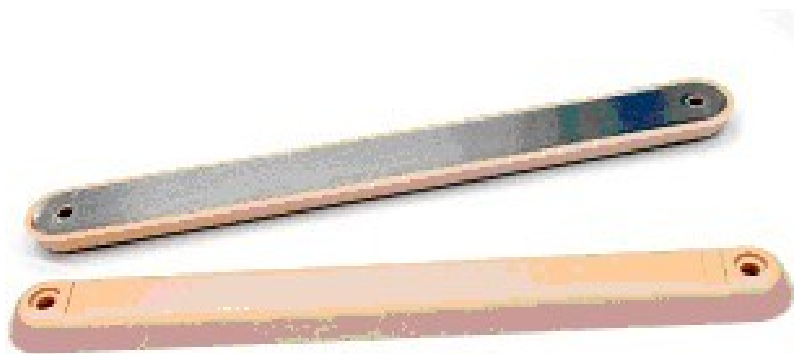
### **Key features**

- ✓ It is an ideal solution for industrial and logistics applications
- ✓ Survivor exploits the technology of passive RFID to its fullest potential
- ✓ The encapsulations is made of high-impact polystyrene or ABS, which are generally applied to consumer products in the automotive and electronics industries
- ✓ The mechanical design is based on profound experience in plastics packaging of demanding applications and high-volume production.



## Technical Specifications

Dimensions	224mm x 24mm x 8mm/8.8in x 1.9in x 0.3in
Frequency range	860 to 960MHz
Communication protocol	EPC Class 1 Gen 2
Read range	5 to 7m/13 to 20ft
IC an memory size	96-bit EPC Impinj Monza/512-bit EPC NXP G2
Encapsulation material	HIPS/ABS/ABS/PC
Ambient temperature	-20°C to 80°C
IP classification	IP68 (IE60529)
Mounting	Adhesive/mechanical





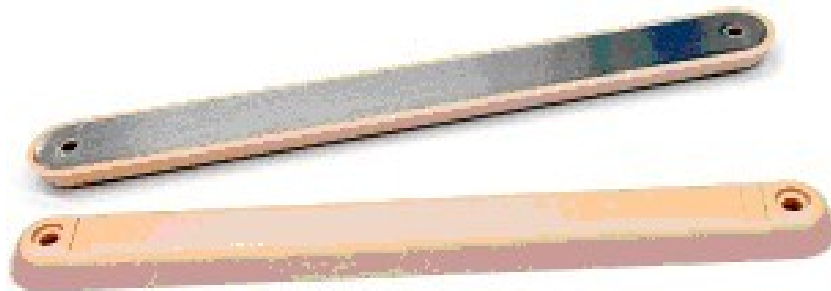
**GAO RFID Inc.**

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*Celebrating Over 15 Year of Innovation*

*Product Overview*

**Passive Gen 2 Survivor Tag (116406)**



## **GAO Group**

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