



This passive UHF Gen 2 strip metal RFID tag works efficiently even in harsh environments where long read range is required.

This passive UHF Gen 2 contactless RFID tag works efficiently even in harsh environments where long read range is required. It is commonly used in such applications as containers, stillages and trolleys. This Gen 2 tag supports multi-detection and can be read and written to. It is made of ASA or application specific polymer and operates in a frequency range from 902MHz to 908MHz. In addition, the UHF RFID tag offers a minimum read quantity of 5tags/sec and maximum read quantity of 500tags/sec.

Key feature

- ✓ Operating frequency: Ultra High Frequency (UHF)
- ✓ Waterproof and dustproof IP67
- ✓ Resistance to immersion in salt water, alcohol, oil, 10% HCL





Technical Specifications

Type	Contactless read/write
Operating frequency	US (902MHz to 928MHz) (UHF-Ultra High Frequency)
Capacity	96 bit EPC ID
Data coding type	EPC Gen2
Common usage	Containers, stillages, trolleys
Standard deployment	Harsh environments where long read rang is required
Tested read range	3M at 0.5 watts E.R.P
Multi-detection	Yes
Min read quantity	5 tags/sec
Max read quantity	500 tags/sec
Size	180mm x 43mm x 15mm
Material	ASA or application specific polymer
Color	White
Weight	40g ± 0.5g
Regulatory specifications	ISO 18000-6C
Resistance	Shock- 200g, 2 axes (IEC 68-2-6)
	Vibration- 10g, 10Hz to 2000Hz, 2 axes (IEC 68-2-6)
Storage temperature	-40°C to 85°C
Operating temperature	-25°C to 70°C





GAO RFID Inc.

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Product Overview

Passive UHF Gen 2 Strip Metal RFID Tag (116504)



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