



The 865MHz Gen 2 RFID tag works efficiently even in harsh environments where long read range is required.

The 865MHz Gen 2 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. Utilizing an Avery Dennison 96 bit inlay, the UHF RFID tag offers a maximum read quantity of 500tags/sec. It can be printed on (ink jet) or silk screen or offset printed with logo and numbering.

Features

- ✓ Contactless read/write
- ✓ Waterproof and dustproof
- ✓ Resistant to immersion in salt water, alcohol, oil, 10%HCL and ammonia
- ✓ Uses an Avery Dennison 96 bit inlay
- ✓ Printed on (ink jet) or silk screen or offset printed with logo and numbering





Technical Specifications

Type	Contactless Read/Write
Operating Frequency	865MHz to 868 MHz (EU)
Capacity	96 bit EPC ID
Data Coding Type	EPC GEN2
Common Usage	Containers, Stillages, trolleys
Standard Deployment	Harsh environments where long read range in required
Tested Read Range	3 M @ 0.5 watts E.R.P.
Multi-Detection	Yes
Min Read Quantity	5 tags/sec.
Max. Read Quantity	500 tags/sec
Size	180mm × 43mm × 15mm
Material	ASA or application specific Polymer
Color	White
Weight	40g ±0.5 g
Regulatory Specifications	ISO 18000-6C
Resistance	Shock – Dependant on packaging Vibration – Dependant on packaging
Operating Temperature	-25°C to 70°C
Storage Temperature	40°C to 85°C





GAO RFID Inc.

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Product Overview

Gen 2 Harsh Environment/Metal/Liquid RFID Tag (115001)



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