



This UHF Gen 2 Philips UCODE RFID tag is waterproof and dustproof allowing for excellent performance even in harsh environment.

This UHF Gen 2 Philips UCODE RFID tag operates in a frequency range from 865MHz to 868MHz. It is compliant with Philips UCODE EPC 1.19 Inlay and ISO 18000-6C standard. This UHF Gen RFID tag has a memory capacity of 96 bit and maximum reading quantity of 150 tags per second. High performance reading encapsulated tag is designed for direct mounting on metallic objects. In addition, this well-designed tag is waterproof, dustproof and has a resistance to immersion in salt water, alcohol, oil, 10% HCL.

Key Features

- ✓ Waterproof and dustproof
- ✓ Resistant to immersion in salt water, alcohol, oil, 10% HCL
- ✓ Vibration-dependant on packing





Technical Specifications

Type	Contactless read/write
Operating frequency	EU (865MHz to 868MHz) (UHF-Ultra High Frequency)
Capacity	96 bit EPC ID
Data coding type	EPC Class 1 Gen 2
Common usage	High performance reading encapsulated tag designed for direct mounting on metallic objects
Standard deployment	Rough and harsh service environment resistant to liquids and metals
Tested read range	Maximum 5.7M write; 8.2M read
Multi-detection	Yes
Max read quantity	150 tags/sec
Tag size	150mm x 25mm x 4mm (5.905in x 0.984in x 0.157in)
Substrate material	ABS with 3M adhesive strip
Color	Grey
Weight	16g
Compliance	Philips UCODE EPC 1.19 inlay
Regulatory specifications	ISO 18000-6C
Storage temperature	-40°C to 85°C
Operating temperature	-25°C to 70°C
Humidity	40% to 80% relative





GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

UHF Gen 2 Philips UCODE RFID Tag (115005)



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