



This 2.45GHz active RFID tag is used to identify and perform micro-localization of items or persons.

This Ultra High Frequency (UHF) active RFID tag is intended to identify and perform micro-localization of items or persons. It is deployed for applications such as security, manufacturing, asset and vehicle management. The optimized active RFID tag reader can uniquely identify up to 100 tags simultaneously at distance up to 100m. The RFID tag is built around an innovative 0.18um low-power CMOS integrated circuit.



Applications

- ✓ Security
- ✓ Asset Management
- ✓ Manufacturing
- ✓ Vehicle Management

Technical Specifications

Range	0 to 100m
Frequency	2.4GHz to 2.5GHz (UHF-Ultra High Frequency) ISM
Weight	550g
Modulation	GFSK
Power	12 to 18µA, 3V
Anti-collision	100 tags are read simultaneously
Operation	Read only
Battery	4 years
Dimensions	Card, 85.5mm x 54mm x 4mm



GAO RFID Inc.

A Member of GAO Group

Celebrating Over 15 Year of Innovation

Product Overview

2.45GHz Active RFID Tag (127002)



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