



This easy-to-use UHF active domino RFID tag operates at a frequency of 433MHz and transmits a Radio Frequency (RF) signal at a pre-set time-interval for the duration of its life.

This tag is designed for use in asset tagging application. Mounting and affixing of this tag depends on the type of application. It is suitable for operation on any non-metallic surfaces. This Ultra High Frequency active RFID tag transmits tag data, such as Customer Site Code (CSC), Tag ID, tag age counter value, movement alarm and tamper alarm status. It consumes little power, and the tag life is estimated at five years at a transmission time interval of 1.5 seconds. Furthermore, this RFID tag employs a collision avoidance algorithm which is used to dispose the transmissions around the mean repetition interval.

Key features

- ✓ Configurable settings, including site / vendor ID, tag ID, transmission repetition interval and alarm functions (these are programmed at order placement stage)
- ✓ External antennae
- ✓ Low power consumption. Tag life is estimated at 5 years when transmitting at a 1.5-second interval
- ✓ A collision avoidance algorithm is used to dispose the transmissions around the mean repetition interval





Technical Specifications

Frequency	433MHz
Field strength	< 1600μV/m
Modulation	ASK
Stability	Saw stabilized
Power	Internal power lithium battery
Type of material	ABS (ultrasonically sealed) IP 65
Size	64mm x 30mm x 9mm (domino enclosure)
Weight	15g (excluding antenna)
Color	Grey
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Humidity	5% to 90% (non condensing)





GAO RFID Inc.

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Product Overview

UHF Active Domino RFID Tag (124010)



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