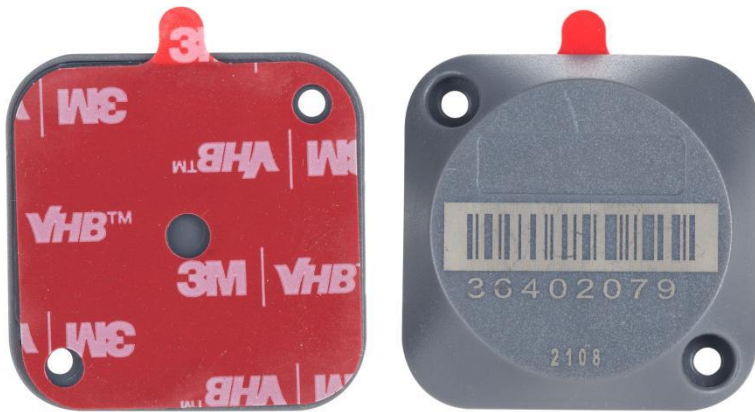# PRODUCT SPECIFICATION

DESCRIPTION

Product Name：2.4G RFID Tag

Model NO.：MR3837C
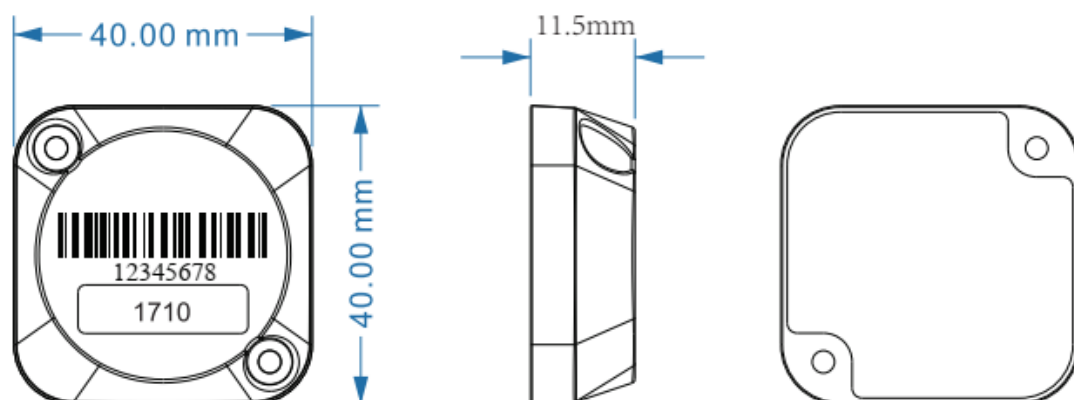
FCC ID：2AJQV-MR3837C

Key Features:

1. Suitable to adopt fixed frequency working mode, with powerful anti-jamming ability;
2. Effective reading range up to 400m (working with reader model MR7901P, open air environment. depend on reader and antenna, software configurable);
3. Super wide working band design, conforming to relevant industry rules and also flexible in application development;
4. Multiple-tag reading at the same time , no limitation or interference by tag quantity in the reading range.

🌐 www.marktraceiot.com   ✉ sale3@marktrace.com

5. Ultra-low power consumption，average working current<15uA

Parameters:

Model No	MR3837C
Operation frequency	2402-2483MHz
Type	Beacon Type
Signal modulation	GFSK
Communication speed	1Mbit/s
Inductive mode	Initiative Transmit, Transmit Every 1s
Output power	7dbm
Material	ABS, Heat Resistant ,
Dimension	40MM*40MM*10.8MM
Battery	Battery Life Up to 3 years
IP Grade	IP67
Installation	Fixed installation, hidden installation, screw
Color	Gray
Weight	14g
Unique ID	4 bytes Data in HEX, Lester Marking
Battery model	CR2450
Battery capacity	550mAh/3V
Operating temperature	-20℃~+45℃
Storage temperature	-30℃~+65℃
Operating humidity	10%～80%
Storage humidity	10%～95%

Dimension:

Photos:

FCC statements:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.