

# **User Manual**

## **I. Configuration**

See the figure below for the configuration of RI-9001 RFID tag.

### **Parameter**

Size: 150\*110\*30(mm)

Voltage: 9 VDC

Current: 300mA

Freq range: 2404~2476MHz

## **II. Attention**

Before using this product, please read this user manual carefully and keep it for future reference.

Please keep this product away from children.

If the following problems occur (although they seldom happen) or you are worried about the

security, please stop using this product and cut off the power before gaining guidance from

the after-sale customer support centre.

- When the tag is overheating, smoking, sparkling, or on fire;

- Battery damage, creepage, or leakage;

- The protection film is broken;

- Water penetrates into the tag;

- The tag is damaged in any way.

## **III. EMF**

This RFID tag is compliant with certain EMF standards. Evidence shows that it is safe when

operated under the user manual.

## **IV. Delivery**

Before product delivery, a unique ID is written into the tag and all the parameters like the

frequency and power have been set according to the requirements of countries and regions to

use the product, so normally the product need not re-setting up. Please contact with the

customer support centre if you require adjustment or have any questions.

## **V. Purpose**

The Tag is a key component of the Location System. These dedicated battery-powered

Tags send compatible messages at pre-defined intervals and can be attached to

non-Wi-Fi assets in order to locate them. Tags send messages with their unique ID number that are detected by Location Receivers and used to estimate the Tag's location. The tag used in logistics, warehousing, personnel management, asset management and other fields, not only suitable for large-scale multi-object recognition at the same time, but also for small-scale management to identify a single goal.

## **VI. How to use**

To ensure the reading performance, tags in the work mode can not be folded or sharply bent. Do not attach metal to the tag or place it in a close metal container. The microchip is protected by special gel and can endure certain front strike but the tag should be kept away from sharp objects to prevent damage. The tag goes to the work mode without any human intervention.

## **VII. Maintenance**

Do not rip the tag open.  
Keep the tag in a clean and dry environment away from the water.  
When it looks dirty, clean the surface with a dry cleaning rag. Do not use organic solvent.  
When trouble occurs, please stop using this product and contact with the customer support centre.

## **VIII. Environment protection**

This product can not be thrown away with other household waste but should be handed over to the official recovery office to avoid environmental pollution.

## **XI. FCC regulatory information**

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