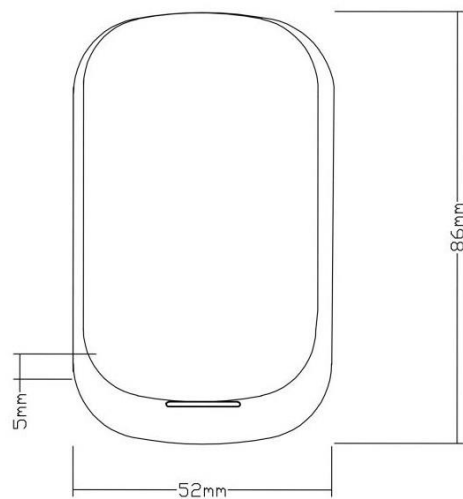


2.4GHz RFID Card



Description

This 2.4GHz RFID Active Tag is widely used in tracking, attendance management. With spontaneous emission signal, it has a long reading distance and can be identified without triggering. Regarding to the card design, it is sealed with Ultrasonic, so it is completely waterproof.

Electrical Characteristics

- Static Current: < 3μA
- Operating Current: < 15mA, Peak Current: < 40mA
- Battery Life: > 4.5 years
- Working Speed: About 5 times / 2s

Microwave Link Characteristics

- Rate of Communication: Bidirectional, 1024K bits/s
- Operating Frequency: 2.45GHz

- Reading Distance: < 80M

Physical Characteristics

- Material of Shell: ABS
- Type: Read Only
- Dimension: 86*52*5mm
- Color: White or other customized
- Protection Standard: Waterproof IP68
- Installation: Hanging, Sticking to the Object Surface

Working Environment

- Operating Temperature: -40℃ ~ +80℃
- Operating Humidity: < 85%
- Storage Temperature: -40℃ ~ +80℃
- Shake: 10 ~ 2000Hz, 15g Three Axis
- Anti Electromagnetic Interference:
10V/m 0.1 ~ 1000MHz AM Amplitude Modulated Electromagnetic Wave

Feature & Advantage

1. Anti-Collision: Identify 100pcs Tags/s
2. High Identification Rate: Up to 180km/h
3. Identification Security: Encryption and Authentication to ensure Data Security and Prevent Eavesdropping and Data Cracking
4. Identification Direction: Directional and Non directional Identification Available
5. High Identification Reliability: -40℃ ~ +85℃, Anti Shock
6. Effective Cost: Using 0.18uM Chips lead to Lower Cost

Remark:

1. Specifications are subject to change, please pay attention to our latest one.
2. DAILY RFID reserve the right to the final interpretation of the above terms.

RFID 2.4GHz Active Tag Series

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: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

The devices has been evaluated to meet general RF exposure requirement, the device can be used in portable exposure condition with restriction