



# RS-AT04

Rugged 2.45GHz Active RFID Card

## RS-AT04 Rugged 2.45GHz Active RFID Card



**RS-AT04 rugged 2.45 GHz active RFID card operates in the 2.4GHz ISM band, based on high IP67 rating water-proof design, it can be widely used for outdoor applications like pallets tracking, boats management, asset tracking, tooling identification etc.**

### Features

- ISM 2.4-2.48Ghz Working Frequency
- Unique Low Power Consumption and High Capacity, Wide Temperature Tolerance Battery Design, Support Longer Working Time.
- Active Working Mode, Around 120m Reading Distance Adjustable
- Battery Low Alarm
- IP67 Water-Proof Design

### Specification

| Performance Indexes                 |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Operating frequency                 | 2.40GHz~2.48GHz,<br>default value is 2.48GHz              |
| Signal Interval                     | 1s/time (can be customized)                               |
| Communication Speed                 | 1Mbps                                                     |
| Output Power                        | -13~+7dBm (default 0dBm)                                  |
| Tag ID                              | 4 byte                                                    |
| Working Mode                        | Active                                                    |
| Reading Distance                    | 0-120m<br>(open area, reader antenna type matters)        |
| Mechanical & Electrical performance |                                                           |
| Dimensions                          | 90mm×57mm×5mm (L×W×H)                                     |
| Weight                              | 34g                                                       |
| Battery Life                        | ≥2-year life<br>(related to signal interval and RF power) |
| Material                            | ABS+PC                                                    |
| Working Temp                        | -20℃~+60℃                                                 |
| Storage Temp                        | -30℃~+65℃                                                 |
| Working Humidity                    | 5%~95% (non-condensing)                                   |
| IP Rating                           | IP67                                                      |



**RuiSing Technology Company (Hong Kong) Limited**

11/F, Haribest industrial building, Nos 45-47 Au Pui Wan Street, Shatin, Hong Kong

[www.rstchk.com](http://www.rstchk.com)



+852-6876 5793



[sales@rstc-hk.com](mailto:sales@rstc-hk.com)

