



RS-AT04

Rugged 2.45GHzActive RFID Card

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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 150m Reading Distance Adjustable
- Battery Low Alarm
- IP67 Water-Proof Design

Specification

Performance Indexes	
Operating frequency	2.40GHz~2.48GHz, default value is 2.48GHz
Signal Interval	1s (customizable from 100ms-60s)
Communication Speed	1Mbps
Output Power	-13~+7dBm (default 0dBm)
Tag ID	4 byte
Working Mode	Active
Reading Distance	0-150m (open area, reader antenna type matters)

Mechanical & Electrical performance	
Dimensions	90mm×57mm×5mm (L×W×H)
Weight	25g
Battery Life	5-6 year (related to signal interval and RF power)
Battery Low Alarm	Yes, software
Material	ABS+PC
Working Temp	-20°C~+60°C
Storage Temp	-30°C~+65°C
Working Humidity	5%~95% (non-condensing)
IP Rating	IP67



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