

## ROV-R104C UHF Access Control System Specification

ROV-R104C UHF channel access control system supports EPC C1 G2 (ISO18000-6C) protocol, integrated high gain antenna group, high-speed reader and control module based on ImpinjR2000, high-speed read tag performance and good read and write Regional control capability, providing standard RS232 or RJ45 interface for easy connection to software platforms. The product is especially suitable for all kinds of logistics, warehousing, books, archives, personnel attendance management.

### First, the special features

- Independent intellectual property design
- Support EPC C1 G2 (ISO18000-6C) protocol
- Operating frequency 902~928MHz (customizable 865~868MHz)
- Output power 30dbm (adjustable)
- Multi-tag read capability, very low miss rate
- The antenna is specially designed to achieve a narrow beam design in the horizontal plane. The access control area is accurate and there is no blind spot.
- Sensitive, safe and reliable, zero false positives
- Built-in alarm light and buzzer
- RFID security doors are placed at a wider distance, up to 4m
- Optional infrared motion direction judgment
- Optional anti-theft alarm function
- Optional new label reading prompt function
- Stylish and easy to assemble

## Second, the product picture



## Third, product specifications

- Product model: ROV-R104C
- Size: 1500\*500\*60mm (height\*width\*thickness)
- Weight: about 60KG (pair)
- Working frequency band: 902MHz ~ 928MHz
- Meet the standard: ISO 18000-6C
- Working temperature: -20 °C ~ 60 °C
- Storage temperature: -30 °C ~ 70 °C
- Ambient humidity: 5% to 95% RH, no condensation
- Power supply: AC 220V ± 10% 55Hz
- Machine power consumption: about 45W
- Communication interface: RS-232 (DB9) RJ45
- Equipment Reliability (MTBF): >10000 hours
- Single channel access width: 800 ~ 2500mm (depending on the actual use of the label)

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#### **Fourth, computer configuration**

- Display: 10.1 inch capacitive screen 1280\*800 (16:9)
- CPU configuration: RK3288/4 core frequency 1.8Ghz
- Operating system: Android 5.1.1
- Storage: 2G+8G

#### **Fifth, the main and auxiliary access control components**

(1) The main access control includes

- 1 set of access control rack
- 10.5dbi narrow beam antenna 2
- Reader module and control panel 1 set
- Infrared radiation shot 1 group (can be connected externally)
- RS232 serial port 1
- Ethernet port 1
- Feeder 2
- Infrared cable 1 set

(2) Sub-access control includes

- 1 set of access control rack
- 10.5dbi narrow beam antenna 2
- Infrared radiation shot 1 group (can be connected externally)
- Feeder 2
- Infrared cable 1 set