BOWEI

BRC-04G

RFID Acrylic access control system

Product Specifications

Technical Support   Follow Channel

Introduction

BRC-04G is a cost-effective transparent UHF access control system. Ultra-thin design, perfect combination of transparent acrylic and ABS, stylish appearance, easy installation, cool and eye-catching lighting. Support EPC C1 G2 (ISO18000-6C) protocol, support server mode to achieve multi-channel control function, built-in Linux system, internal integrated high-gain antenna group, based on high-speed reader and control module, with high-speed tag reading performance and good read and write area control capabilities, provide standard RS232 or RJ45 interface, easy to connect to the software platform. The product is particularly suitable for retail, books, archives, personnel attendance, warehousing and logistics management, etc.

Features

Intellectual Property Design

Supports EPC C1 G2 (ISO18000-6C) protocols

Support server mode to realize multi-channel control function

Operating frequency 902-928MHz/865-868MHz

Output power 30dbm

Good performance in multi-label reading, missing-read rate lower than 1% under Infrared trigger mode

The antenna is specially designed to realize narrow beam design in the horizontal plane, with accurate access control coverage area and no blind spots

RFID security doors should be placed at a wider distance, 1.2-2.2m is recommended

Built-in alarm light and buzzer, alarm sensitive, safe and reliable

2-way input and 2-way output

Standard personnel in and out judgment

Comes with Linux 4.1 system, with stronger processing power

Stylish appearance, easy to assemble, cool and eye-catching light

Specifications

- Size: 1370×370×62mm (per piece)

- Material: acrylic ＋ ABS ＋ sheet metal

- Working frequency: 902MHz～928MHz

- Protocol: ISO 18000-6C

- Working temperature: -20℃～60℃

- Storage temperature: -30℃～70℃

- Ambient humidity: 5%～95%RH, no condensation

- Power supply: AC220V±10% 47～63 Hz

- Power consumption: about 45W

- Communication interface: RS-232(DB9), RJ45

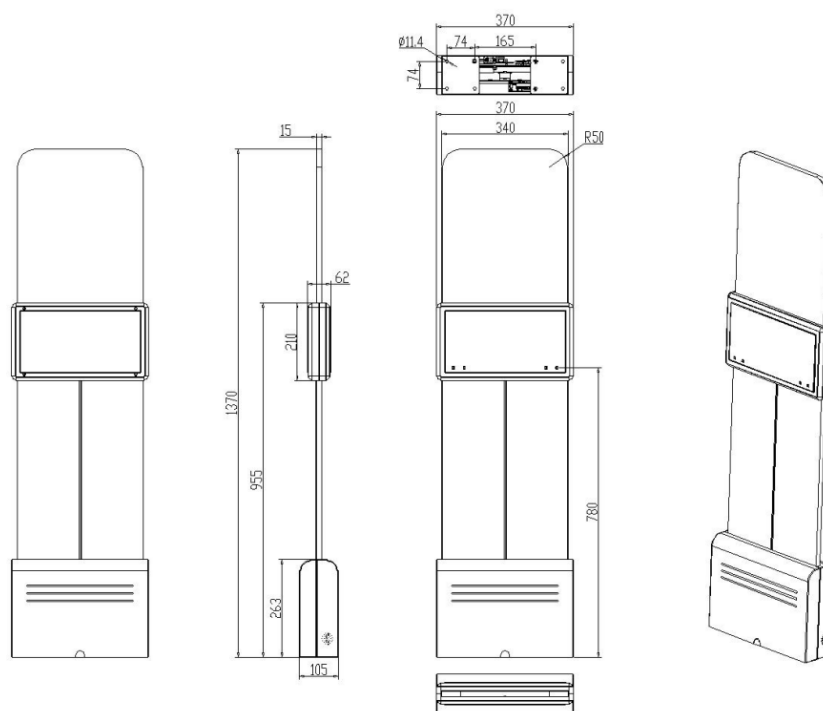- Recommended width per channel access: 0.8～1.5m (up to 2.2m)

Access Control Components (N channels)

- Access control frame N+1 pcs (N channels)

- 10dBic narrow beam antenna 2*N pieces

- Control board and power module ≥N/2pcs

- Reader/writer module N pcs

- RS232 serial port N pcs

- Ethernet port N pcs

- Switch>N port

- RF feeder 4*N pcs

- Infrared beam 2*N sets

- Infrared connection line 2*N sets

Dimensions

Application Scenario

零售行业　图书管理　档案管理　电力行业　资产管理　车辆管理　仓储物流　生产制造　医疗行业