

## BRC-04G Pro Intelligent Access Control System

BRC-04G Pro is a high performance acrylic UHF access control system. Supported by multi-beam antenna and positioning algorithms, this system can determine the direction of tag movement, accurately distinguish between in-field and out-of-field tags. It also has a good performance in preventing miss-reading and misreading. Ultra-thin design, transparent acrylic and ABS perfect combination of fashionable appearance, easy to install, cool and eye-catching light. It supports EPC C1 G2 (ISO18000-6C) protocol, supports server mode to realize multi-channel control function, comes with Linux system, internal integrated multi beam antenna, based on high-speed read-write and control module, has a high-speed read tag performance and good tag positioning ability, provide standard RS232 or RJ45 interface, convenient to connect the software platform. The products are especially suitable for retail, books, files, personnel attendance, warehousing, logistics management, etc.



### Featured Function

- Innovative multi beam antenna and positioning algorithm technology
- Support server mode to realize multi-channel control function
- Comes with Linux system for better processing capability
- Supports EPC C1 G2 (ISO18000-6C) protocols
- Operating frequency 902~928MHz (865~868MHz can be customized)

- Output power 30dbm (adjustable)
- Multi-tag reading ability, infrared trigger mode read rate of 99% or more
- Accurately locate the tag area, determine the direction of tag movement
- Support alarm volume software adjustment, alarm sensitive, safe and reliable
- RFID security door placement distance is wider, recommended 1.0-1.8m
- 2-way input and 2-way output
- Standard personnel in and out judgment
- Stylish appearance, easy to assemble, cool and eye-catching light.

## Product Specification

- Size: 1370×370×62mm (PCS)
- Material: Acrylic+ABS+Sheet metal
- Frequency: 902MHz~928MHz
- Protocol: ISO 18000-6C
- Operating temperature: -20°C~60°C
- Storage temperature: -30°C~70°C
- Humidity: 5%~95%RH, condensation-free
- Power supply: AC220V±10% 47~63 Hz
- Power consumption: about 45W
- Communication interface: RS-232(DB9)、RJ45
- Width: 0.8~2.2m (max 2.2m)

## Access Control Components

- Access control rack N+1 pcs (N channels)
- Multi beam antenna N pieces
- Control board and power supply module  $\geq N/2$  pcs
- Read/Write Module N pcs
- RS232 serial port N pcs
- Ethernet port N pcs
- RF feeder 4\*N pcs
- Infrared Counterpoise 2\*N pcs
- Infrared connecting line 2\*N group

[illegible]

## FCC WARNING

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.

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

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.