



FSC-RC04F

UHF RFID Gate Reader

product operation instruction



Introduction

FSC-RC04F UHF access control system supports EPC C1 G2 (ISO18000-6C) protocol, supports server mode to realize multi-channel control function, internal integration of high gain antenna group, high speed read-write and control module based on ImpinjR2000/E710, with high speed read tag performance and good read/write area control ability, provides standard RS232 or RJ45 interface, easy to connect the software platform. The product is especially suitable for all kinds of logistics, warehousing, books, files, personnel attendance management.

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
(adjustable)



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 gates are
placed at wider distances, up
to 2.2m.



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



Optional LED display for
personnel counting numbers



Optional infrared motion
direction judgment



Optional new label read
alert function



Stylish appearance,
easy to assemble

Specifications

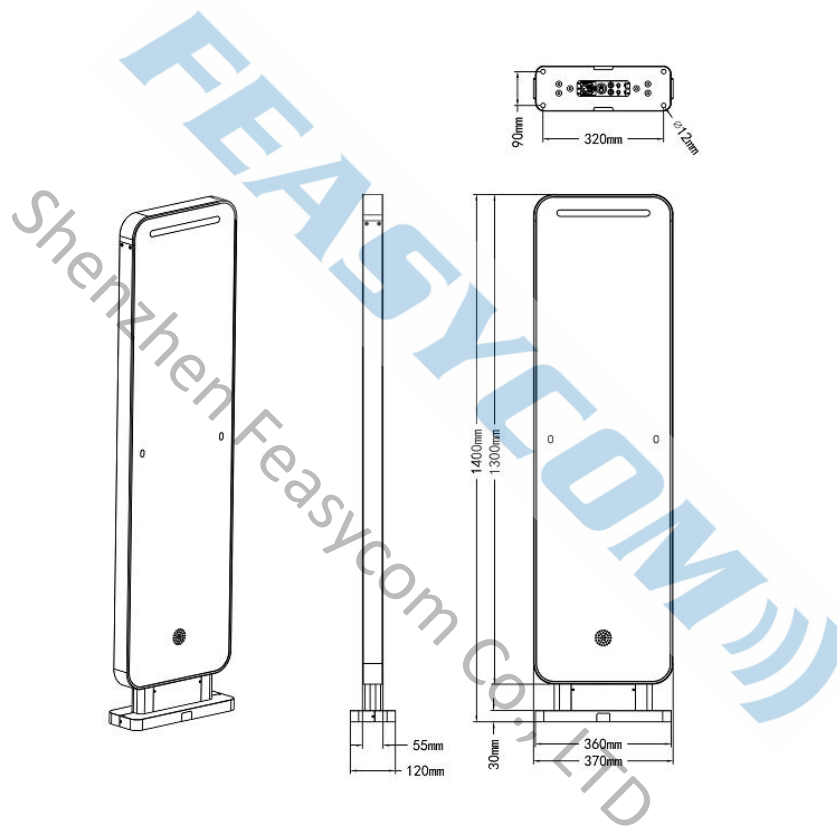
- Size: 1400 x 370 x 55mm (per piece)
- Weight: main door weighs 12KG; secondary door weighs 10.5KG
- Frequency: 902MHz~928MHz
- Protocol: ISO 18000-6C
- Working Temperature: -20°C~60°C
- Storage temperature: -30°C~70°C
- Environmental humidity: 5%~95%RH, no condensation
- Power supply: AC 90V~264V 47~63 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 rack N+1 pcs (N channels)
- 9dBic narrow beam antenna 4*N pcs
- Control board and power supply module $\geq N/2$ pcs
- Read/Write Module N pcs

- RS232 serial port N pcs
- Ethernet port N pcs
- Switch >N ports
- RF feeder 4*N pcs
- Infrared radiation 2*N sets
- Infrared connector 2*N sets

Equipment Size



Application Scenarios

- Retail industry
- Book management
- Archives management
- Power industry
- Asset management
- Vehicle management
- Warehousing and logistics
- Manufacturing
- Medical industry

