RFID Smart Access Gate Specification

Product Model: ZS-RD04

1：Product Introduction

The ZS-RD04 is a high-performance UHF access gate that fully supports electronic tags compliant with the EPCglobal Class 1 Gen 2/ISO18000-6C standards. It can be widely applied in a variety of RFID systems, such as apparel, retail, archive and library management.

2：Product Image



3：Product Features

- High read rate: Exceptional multi-tag reading capability with extremely low miss-read and error-read rates.
- Unique antenna design: Specially designed antenna with a narrow horizontal beam for accurate gate coverage.
- Multi-function alarm: Built-in alarm light and buzzer, sensitive and reliable, with alarm information.
- Customizable: Stylish appearance with customizable panel graphics and content.
- Durability: Infrared-triggered reading greatly extends the service life of the equipment.
- Data communication: Integrates with the backend system to provide a variety of statistics.

4：Product Specifications

Physical Parameters	
Model	ZS-RD04
Material	Acrylic and sheet metal
Appearance	Default: transparent acrylic + white sheet metal
Dimensions	340*95*1460mm (excluding accessories)
LED Light Bar	Red, green
Infrared	2 pairs
Installation	No slotting required; stainless steel cable trough included

Performance Parameters	
Operating Frequency	865~868MHz / 902~928MHz (adjustable for different countries or regions)
Output Power	Software-adjustable output power, ±1dB step, max 33dBm
RSSI Strength Detection	Supported
Total Power	5W~15W
Network Protocols	TCP/IP, UDP
Communication Protocol	TCP/IP
Hardware Interface	RJ45
Development Languages	C#, Java, etc.
Reader Operating Modes	Trigger mode
Environmental Parameters	
Operating Temperature	-20℃ ~ +60℃
Operating Voltage	AC220V±10%

5：Structural Dimension Drawing

