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Make enterprise material management

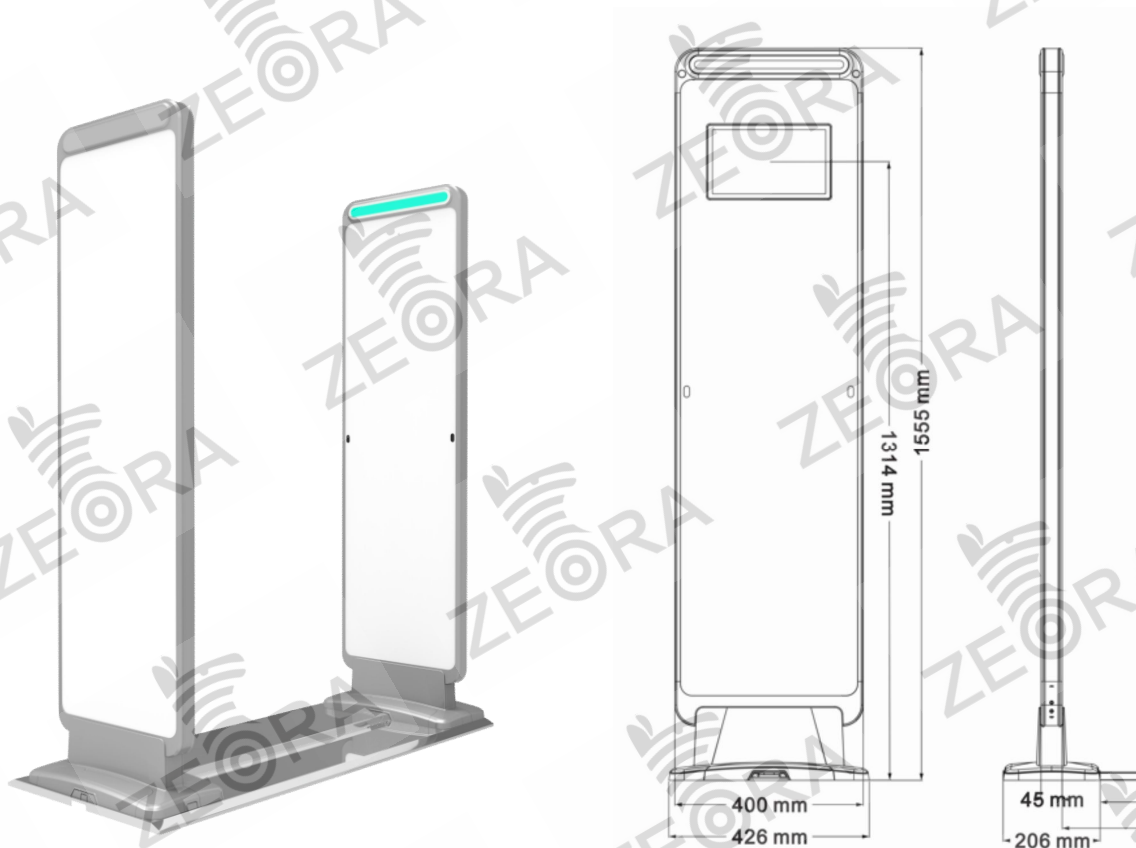


specification

KEY CABINET PRODUCT SPECIFICATION

RFID Smart Access Door: ZSW-D03

1. Product Image



II. Product Overview

The ZSW-D03 RFID smart access control door is a device developed by Zebra Information for enterprise smart warehousing applications. Compliant with the ISO 18000-6C (EPC C1G2) standard, it features a sleek design, robust construction, and reliable performance. Capable of multi-tag reading via infrared triggering, it supports attendance counting and integrates audiovisual alarms. Operating in both online and offline EAS alarm modes, the device supports network interface communication and can be expanded with additional connectivity options such as WiFi or 4G.

2、Product Features

- Excellent multi-label reading capability with extremely low missed-read and misread rates
- Specialized antenna design ensures precise access control coverage with no blind spots
- Built-in alarm light and buzzer
- 4. Can be connected to an external display for real-time visualization of material information and quantities, with capability to track personnel inflows and outflows

3、Specification Parameters

Main Specification Parameters	
product model	ZSW-D03
Identification Method	Radio Frequency Identification (Ultra High Frequency RFID)
Reading and Writing Functions	Supports multi-tag recognition, tag data filtering, and RSSI-based signal strength detection
Reading Distance	0–600 cm (for effective personnel access control, a range of up to 1.2 m is recommended)
function	Infrared trigger; audio-visual alarm
Overall dimensions	1555 mm × 426 mm × 45 mm (height × width × depth)
Screen (optional)	10.1-inch capacitive touchscreen with a resolution of 1366×788 (optional)
communication interface	10/100 M Base-T Ethernet port, RS232
Shell Material	Aluminum profile outer frame, ABS + PC
RFID	Ultra-high frequency: 840 MHz–960 MHz
Radio Frequency Protocol	ISO 18000-6C (EPC C1 G2)
output power	4 antennas, power adjustable from 1 to 33 dBm
reading speed	≥200pcs/s
Power Input	AC 220V 50hz
working	-10°C ~60°C



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temperature	
Storage Temperature	-20°C ~70°C
Working Humidity	10%RH~90%RH