ZS-D06

Desktop UHF RFID Card Issuer

PRODUCT SPECIFICATION

Product Specification



1. Product Overview

The ZS-D06 card issuer is a high-performance desktop tag-writing device. Specially designed for tag data entry, it is a professional reader/writer with excellent read/write performance, supporting both automatic group writing and single-tag writing for fast batch reading and writing of tags. The bundled software also supports quick Excel import/export and intelligent automatic data entry, enabling rapid binding and association of tags with data, reducing tedious manual input and improving work efficiency.

2. Physical Dimensions

Product Dimensions	400mm×300mm×35mm
Housing Material	CNC-machined aluminum base + glass panel
Net Weight	1.5 kg

3. Performance Parameters

Operating Frequency	FCC 902–928MHz (default); GB 920–925MHz
Air Interface Protocol	ISO18000-6C/6B(default)；GB(customized)；GJB(customized)
RF Output Power	0–27dBm adjustable, 1dBm step (24dBm or below recommended)
Working Mode	Auto frequency hopping / fixed frequency (configurable)
Forward Link Modulation	PR-ASK
Decoding Mode	FM0 /Miller 2/4/8 (default Miller 4)
Tag Identification Speed	>150tags/s
Multi-Tag Speed	200tags /3s
Read Range	0–1m (depending on configuration and tag type)
Write Range	0–0.4m (depending on configuration and tag type)

4. Environmental Characteristics

Operating Temperature	−40 °C to +85 °C
Storage Temperature	−40 °C to +85 °C
Relative Humidity	10%–95% RH (non-condensing)

5. Function Description

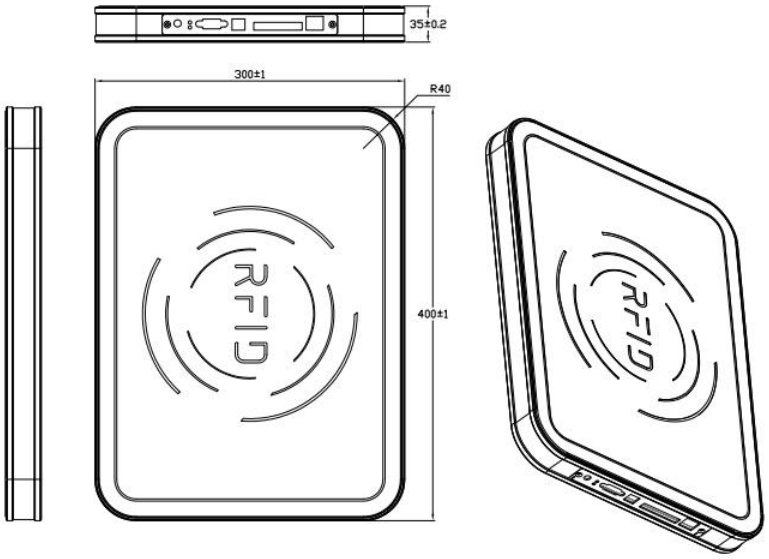
Communication Interface	TYPE-C (USB-HID); virtual COM port optional (Ethernet optional)
Power Supply Interface	TYPE-C (5 V power supply)

6. Applications

- **Supported development platforms: Windows, Android, Linux, HarmonyOS, etc.**
- **Demo software: Batwrite, supporting single-tag and multi-tag writing**
- **Development SDK provided: C#, C++, Java, Python, Swift, Android and more**

7. Packing List and Dimensions

Package Contents	Card issuer × 1, USB cable (USB-A to TYPE-C) × 1



8. Quality Standard

Applicable Standard	ISO 9001 quality management system certification
Appearance Requirements	No damage or deformation
Warranty Period	12 months (non-human damage)

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