

# Multi-Protocol Desktop HF RFID Reader AZ-RL863



## Key Features

<b>Operating Frequency</b>
HF 13.56MHz
<b>International Standard</b>
ISO/IEC 14443A, 14443B, 15693, 18000-3M3
<b>Reading Distance</b>
0 - 16 cm

## 1. Product Overview

Desktop HF RFID Reader AZ-RL863 is a high-performance, multi-functional 13.56 MHz High-frequency RFID desktop reader designed for scenarios that require stable and efficient RFID data interaction. It supports the mainstream HF protocols of ISO/IEC 14443A, 14443B , 15693, 18000-3M3, and is compatible with a variety of tag types, and can be widely used in desktop card issuance, access control, e-tickets, payment terminals, book lending systems and other fields.



The device adopts a compact desktop design, equipped with a USB communication interface, supporting plug-and-play and rapid deployment while providing a wealth of software development kit (SDK), which can be seamlessly docked to Windows, Linux and other systems to meet the needs of enterprise-level customization. The read/write distance is flexible and controllable (0cm to 16cm), supporting fast tag reading and data encryption to ensure the security of sensitive information transmission.

RL863 to industrial-grade stability as the core, built-in anti-jamming circuitry and intelligent temperature control module, to adapt to high-intensity, long-time continuous work environment. With intuitive indicator lights and buzzer feedback, users can grasp the real-time operating status of the device. Whether to improve identification efficiency, optimize management, or build a secure payment and authentication system, the RL863 has become an ideal tool for enterprise digital transformation with excellent compatibility, reliability and scalability.

## 2. Specification

### 2.1 Physical Characteristics

SKU	AZ-RL863
Dimensions (L×W×H)	105×70×10mm
Power Supply Voltage	5V (USB)
Communication Interface	USB



2.2 Performance

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 14443A, 14443B, 15693, 18000-3M3
Reading Distance①	0 - 16 cm
Read Function	Multiple cards can be read at the same time

2.3 Supported RFID/NFC chips

MIFARE® Classic Series	MIFARE® Classic 1K, MIFARE® Classic 4K
ISO18000-3M3 Type	ICODE® ILT
ST ISO14443B Type	SRIX4K, SRI512, ST25TB512-AC
NFC Forum Type 1	Innovision Topaz512
NFC Forum Type 2	MIFARE Ultralight®, MIFARE Ultralight® C, Mifare Ultralight® EV1, NTAG®21x
NFC Forum Type 3	Sony Felica [support Polling only]
NFC Forum Type 4	MIFARE® DESFire® EV1 2K/4K/8K
NFC Forum Type 5	ICODE® SLI ,ICODE® SLIX ,ICODE® SLIX2 ,Tag-it™ HF-I Plus



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