



Multi-Protocol Desktop HF RFID Reader



SKU:	RS-RL863
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 14443-A, ISO/IEC 14443-B, ISO/IEC-15693, ISO/IEC 18000-3M3
Read Range:	Up to 16 cm
Interface:	USB

The Desktop HF RFID Reader RS-RL863 is a high-performance, multi-functional 13.56 MHz RFID desktop reader, designed to offer stable and efficient RFID data interaction in various applications. With support for mainstream HF protocols including ISO/IEC 14443-A, ISO/IEC 14443-B, ISO/IEC-15693, and ISO/IEC 18000-3M3, it ensures broad compatibility with a variety of RFID tag types.

This versatile device can be widely applied across different sectors such as desktop card issuance, access control, e-ticketing, payment terminals, and book lending systems. Its robust capabilities make it an ideal solution for environments requiring reliable RFID communication and seamless integration with existing systems.

Physical Information	Dimensions(L×W×H)	105×70×10 mm
	Weight	0.08 kg
	Power Supply Voltage	5V(USB)
	InterfaceMaterial	USB

Technical Information	Operating Frequency	13.56MHz
	Communication Protocol	ISO/IEC 14443-A, ISO/IEC 14443-B, ISO/IEC 15693, and ISO/IEC 18000-3M3
	Chip Type	OM9663
	Read Range	Up to 16 cm
	Read Function	Multiple cards can be read at the same time

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

Additional Information	Operating Environment	-20°C~+50°C, 20%~80% RH, non-condensing
	Storage Environment	+18°C~+28°C, 10%~95% RH, non-condensing
	Industry	Retail, Healthcare, Hospitality, Catering, Events
	Application	Security and Identity Verification, Smart Parking, Anti-counterfeiting verification, Production line management, Access control, Checkout

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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