ISO/IEC 15693 Protocol HF Tag Reader

Model: RR9037USB-L

Size: 105mmx70mmx11mm

Weight: 80g

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GENERAL DESCRIPTION

RR9037USB-L is a high performance ISO/IEC15693 protocol HF tag reader. It is designed upon fully self-intellectual property and supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as logistics, personnel identification, conference attendance system, access control, anti-counterfeit and industrial production process control system.

FEATURES

- Self-intellectual property;
- Support mainstream ISO/IEC15693 protocol tag (TI, PHILIPS, ST, INFINEON, FUJITSU, EM…);
- Advanced tag processing algorithm,high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm *;
- Low power dissipation design;
- Support Scan-mode①;
- USB 1.1 interface. No external power source needed;
- Provide DLL and demonstration software to facilitate development.

①Scan-mode: It refers to reader's automatic working mode.

CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	5	V
Operating Temp.	T_{OPR}	-10~+60	℃
Storage Temp.	T_{STR}	-25~+80	℃

- Electrical and Mechanical Specification

  Under T_A＝25℃，VCC＝+5V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	3.3	5	5.5	V
Current Dissipation	I_C		90	150	mA
Frequency	F_{REQ}		13.56		MHz
Effective Distance*	DIS	0	100	150	mm

**Effective distance depends on tag and working environment.*

Remark:

1. Specifications are subject to change, please pay attention to our latest one.

2. Shenzhen RoyalRay Science and Technology Co., Ltd. reserves the right to the final interpretation of the above terms.

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