ISO/IEC 15693 Protocol HF Tag Reader

Model: RR9037SRIP

Size: 123mmx94mmx29mm

Weight: 144g

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GENERAL DESCRIPTION

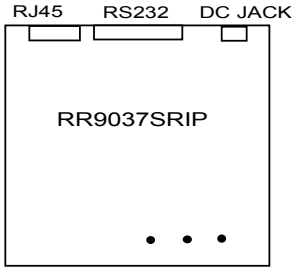
RR9037SRIP is a high performance ISO/IEC15693 protocol HF tag reader. It is designed upon fully self-intellectual property and supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as personnel identification, conference attendance 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 100mm *;
- Support Scan-mode①;
- Low power dissipation design with single DC+12V power source needed;
- Support TCP/IP and RS232 interface and provide DLL and demonstration software to facilitate development;
- Provide DLL and demonstration software to facilitate development.

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

INTERFACE



Top View

CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	12	V
Operating Temp.	T_{OPR}	-10~+60	℃
Storage Temp.	T_{STR}	-25~+80	℃

- Electrical and Mechanical Specification

Under T_A＝25℃，VCC＝+12V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	11.5	12	15	V
Current Dissipation	I_C		150	200	mA
Frequency	F_{REQ}		13.56		MHz
Effective Distance*	DIS	0	80	100	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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