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HF Tag Reader

SID-H736-USB

HF Multi-Protocol Tag Reader

HF Reader

Model : SID-H736-USB

Size : 115mmx82mmx25mm

Weight : 88g

Smart identify Ltd.
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HF Tag Reader

SID-H736-USB

General Description

SID-H736-USB is a high performance HF Multi-Protocol tag reader supporting ISO/IEC15693, ISO14443TypeA/TypeB. 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, ISO14443TypeA/TypeB protocol tag (TI, PHILIPS, FUJITSU, ST, INFINEON, EM…);
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm *;
- Low power dissipation design;
- Support Transparent Command operation①;
- USB 1.1 interface. No external power source needed;
- Provide DLL and demonstration software to facilitate development.

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

①Transparent Command Operation: It is an advanced feature designed to support tag's future functions and different chip vendors' customized tag functions.

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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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