Smart Identify
Smart choice you choose

Multi-Protocol HF Tag Reader

HF Reader

Model : SID-H736-SR

Size **:** 122mmx87mmx23mm

Weight : 111g

GENERAL DESCRIPTION

SID-H736SR is a high performance Multi-Protocol HF 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, ST, INFINEON, FUJITSU, EM…);
- Advanced tag processing algorithm,high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm [*];
- Support RS232 interface;
- Support Transparent Command operation[①];
- Low power dissipation design with single DC+12V power source needed;
- Provide DLL and demonstration software to facilitate development.

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

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		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. Smart Identify Co.,Ltd. reserves the right to the final interpretation of the above terms

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