

HF ISO14443A Protocol Desktop Tag Reader



HF
Reader

Model : SID-H136-SRIP

Size : 123mmx94mm x29mm

Weight : 114g

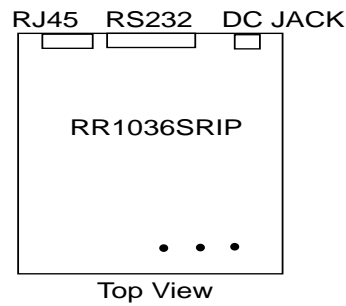
GENERAL DESCRIPTION

SID-H136SRIP is a high performance ISO14443A 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 ISO14443A tag;
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 100mm^{*};
- 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;
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INTERFACE



CHARACTERISTICS

- Absolute Maximum Rating

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

- Electrical and Mechanical Specification
Under $T_A=25^{\circ}\text{C}$, $V_{CC}=+12\text{V}$ 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.