

HF ISO14443A Protocol Desktop Reader



HF
Reader

Model : SID-H136-SR

Size : 122mmx87mmx23mm

Weight : 111g

GENERAL DESCRIPTION

SID-H136SR 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 logistics, 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 150mm *;
- Support RS232 interface;
- Low power dissipation design with single DC+12V power source needed;
- Provide DLL and demonstration software to facilitate development.

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

C H A R A C T E R I S T I C S

- 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 °C 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:

- Specifications are subject to change, please pay attention to our latest one.
- Smart Identify Co.,Ltd. reserves the right to the final interpretation of the above terms.