

Multi-Protocol HF Tag Desktop Reader



Model:SR-RH-1036(USB)
Size:105mmx70mmx11mm



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GENERAL DESCRIPTION

SR-RH-1036(USB) is a high performance HF tag reader supporting ISO14443A protocol. 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 ISO14443A protocol tag;
- Built-in TX/RX antenna with up to 80mm effective distance;
- USB 1.1 interface. No external power source needed;
- Provide DLL and demonstration software to facilitate development

CHARACTERISTICS

- Absolute Maximum Rating

| ITEM | SYMBOL | VALUE | UNIT |
|-----------------|------------------|---------|------|
| Power Supply | VCC | 6 | V |
| Operating Temp. | T _{OPR} | -0~+70 | °C |
| Storage Temp. | T _{STR} | -25~+80 | °C |

- Electrical and Mechanical Specification
Under T_A=25°C, VCC=+5V unless specified

| ITEM | SYMBOL | MIN | TYP | MAX | UNIT |
|----------------------|------------------|-----|-------|-----|------|
| Pwer Supply | VCC | 3.3 | 5 | 5.5 | V |
| Current Dissipation | I _C | | 80 | 120 | mA |
| Frequency | F _{REQ} | | 13.56 | | MHz |
| Effective Distance * | DIS | 0 | 60 | 80 | mm |

*Effective distance depends on tag and working environment.

Remark:

1. Specifications are subject to change, please pay attention to our latest one.
2. We reserve the right to the final interpretation of the above terms.

