

HF ISO14443A Protocol Desktop Reader



HF
Reader

Model : SID-H136-WIFI

Size : 123mmx94mmx29mm

Weight : 170g

GENERAL DESCRIPTION

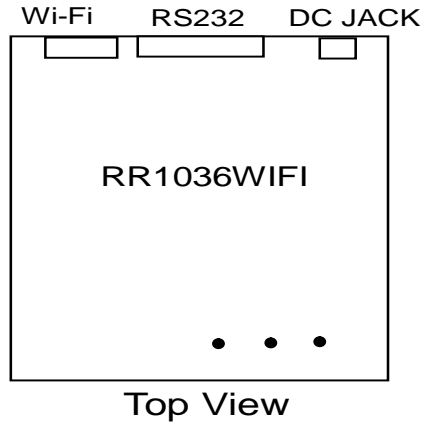
H1036WIFI is a high performance ISO14443A Protocol HF tag reader. It is designed upon fully self-intellectual property and supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as personnel identification, conference attendance system, access control, anti-counterfeit and industrial production process control system.

FEATURES

- Self-intellectual property;
- Support mainstream ISO14443A protocol compatible 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 WIFI and RS232 interface;
- Provide DLL and demonstration software to facilitate development.

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

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		200	260	mA
Frequency	F_{REQ}		13.56		MHz
Effective Distance [*]	DIS	0	80	100	mm

^{*}Effective distance depends on tag and working environment.

Remark:

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