



Product name: 13.56MHZ RFID integrated reader

Product number: ID-RH390

Package size: 22*30*10cm

Gross weight: 0.6kg

Product mode explanation

Model	Standard	interface
ID-RH391	ISO14443A	R (RS232) /TCP/IP
ID-RH392	ISO14443A/B	R (RS232) /TCP/IP
ID-RH393	ISO15693	R (RS232) /TCP/IP
ID-RH394	ISO/IEC14443A/B, ISO15693	R (RS232) /TCP/IP

GENERAL DESCRIPTION

ID-RH390 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 personnel identification, conference attendance system, access control, anti-counterfeit and industrial production process control system.

FEATURES

1. Self-intellectual property;
2. Support mainstream ISO/IEC15693, ISO14443TypeA/TypeB protocol tag (TI, PHILIPS, ST, INFINEON, FUJITSU, EM...);
3. Advanced tag processing algorithm, high identification rate;
4. Built-in TX/RX antenna with effective distance up to 100mm *;
5. Low power dissipation design with single DC+12V power source needed;

6. Support TCP/IP and RS232 interface and provide DLL and demonstration software to facilitate development;
7. Provide DLL and demonstration software to facilitate development.

INTERFACE:RS232/TCP/IP

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°C, VCC=+12V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	11.5	12	15	V
Current Dissipation	I _C		150	200	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.