

HF Multi-Protocol Tag Reader



HF
Reader

Model : SID-H736-USB-L

Size : 105mmx70mmx11mm

Weight : 80g

GENERAL DESCRIPTION

SID-H736-USB-L is a high performance HF Multi-Protocol tag reader supporting ISO/IEC15693, ISO14443TypeA/TypeB 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 ISO/IEC15693, ISO14443TypeA/TypeB protocol tag (TI, PHILIPS, FUJITSU, ST, INFINEON, EM...);
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm *;
- Low power dissipation design;
- Support Transparent Command operation^①;
- USB 1.1 interface. No external power source needed;
- Provide DLL and demonstration software to facilitate development.

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

①Transparent Command Operation: It is an advanced feature designed to support tag's future functions and different chip vendors' customized tag functions.

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	5	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=+5V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	3.3	5	5.5	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.