

## HF ISO14443A Protocol Desktop Reader



HF  
Reader

Model : SID-H136-UKB-L

Size : 105mmx70mmx11mm

Weight : 80g

## GENERAL DESCRIPTION

SID-H136UKB-L 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 mainstream ISO14443A protocol tag;
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm<sup>\*</sup>;
- Low power dissipation design;
- 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.*

## 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	6	V
Operating Temp.	T <sub>OPR</sub>	-10~+60	°C
Storage Temp.	T <sub>STR</sub>	-25~+80	°C

- Electrical and Mechanical Specification

Under T<sub>A</sub>=25 °C VCC=+5V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	3.3	5	5.5	V
Current Dissipation	I <sub>C</sub>		90	150	mA
Frequency	F <sub>REQ</sub>		13.56		MHz
Effective Distance*	DIS	0	100	150	mm

\*Effective distance depends on tag and working environment.