

HF ISO15693 Protocol Desktop Reader



HF
Reader

Model : SID-H937-UKB-L

Size : 105mmx70mmx12mm

Weight : 80g

GENERAL DESCRIPTION

SID-H937UKB-L is a high performance ISO15693 protocol HF tag reader. It is designed upon fully self-intellectual property and supports fast tag read 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 ISO15693 protocol tag (TI, PHILIPS, ST, INFINEON, FUJITSU, EM...);
- Advanced anti-collision algorithm.
- Built-in TX/RX antenna;
- Over 120mm effective distance*;
- Slim and elegant outline;
- USB 1.1 keyboard emulation interface. No external powersource needed;
- Windows HID device. No other driver installation needed.

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 _{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
Power Supply	VCC	3.3	5	5.5	V
Current Dissipation	I _C		120	160	mA
Frequency	F _{REQ}		13.56		MHz
Effective Distance*	DIS	0	100	150	mm

*Effective distance depends on tag and working environment.