

HF Tag Reader

SID-RDT-H736-SR

Multi-Protocol HF Tag Reader



HF Reader Model: SID-H736-SR

Size: 122mmx87mmx23mm

Weight: 111g

www.smartiden.com







HF Tag Reader SID-RDT-H736-SR

GENERAL DESCRIPTION

SID-H736SR 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 logistics, personnel identification, conference attendance system, access control, anticounterfeit and industrial production process control system.

- Self-intellectual property;
- Support mainstream ISO/IEC15693, ISO14443TypeA/TypeB protocol tag (TI, PHILIPS, ST, INFINEON, FUJITSU, EM...);
- Advanced tag processing algorithm, high identification rate;
- Built-in TX/RX antenna with effective distance up to 150mm *;
- Support RS232 interface;
- Support Transparent Command operation⁰;
- Low power dissipation design with single DC+12V power source needed;
- Provide DLL and demonstration software to facilitate development.

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

> www.smartiden.com smartidentify

@smartidentify

Tel: +66(0)2-136-9171-4 Fax: +66(0)2-136-9171



HF Tag Reader

SID-RDT-H736-SR

CHARACTERISTICS

Absolute Maximum Rating

3						
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 °CVCC=+12V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	11.5	12	15	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:

- 1. Specifications are subject to change, please pay attention to our latest one.
- 2. Smart Identify Co., Ltd. reserves the right to the final interpretation of the above terms

Smart Identify Ltd.

 $38\ Soi\ samwa$ Bangchan, Klong Samwa, Bangkok 10510 Thailand

Tel:+66(0)2-136-9171-4 Fax:+66(0)2-136-9171



