Smart Identify
Smart choice you choose

UHF Desktop Reader

SID-RDT-U816-SRIP

UHF Desktop Reader

Model : SID-RDT-U816-SRIP

Size : 123x94x29mm

Weight : 144g

Smart identify Ltd.
594/9 Hathairat Road, Bangchan Klongsamwa, Bangkok 10510 Thailand
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UHF Desktop Reader

SID-RDT-U816-SRIP

GENERAL DESCRIPTION

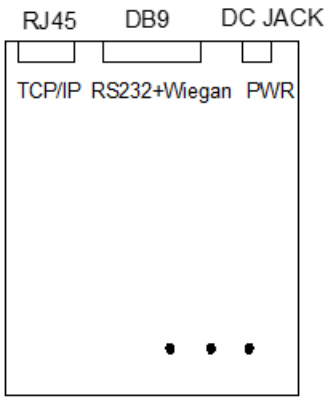
SID-RDT-U816-SRIP is a high performance UHF Desktop Reader. It is designed upon fully self-intellectual property. Based on proprietory efficient digital signal processing algorithm, it supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as logistics, access control, attendance system, anti-counterfeit and industrial production process control system.

FEATURES

- Self-intellectual property;
- Support ISO18000-6C (EPC C1G2) protocol tag;
- 902~925 MHz frequency band (frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 26dbm(adjustable);
- Built-in wideband antenna with effect distance up to 1000mm*;
- Support auto-running and interactive work mode;
- Low power dissipation with single +9V DC power supply;
- Support TCP/IP, RS232 and Wiegand interface;
- Output format and parameters configurable;
- Provide SDK and demo software to facilitate further development.

** Effective distance depends on protocol, tag and environment.*

INTERFACE



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DB9 Male		
Pin	**Symbol**	**Comment**
1	NC	Reserved
2	TXD	TXD of RS232
3	RXD	RXD of RS232
4	NC	Reserved
5	GND	GND
6	WD0	Wiegand data0
7	NC	Reserved
8	WD1	Wiegand data1
9	GND	GND

CHARACTERISTICS

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	16	V
Operating Temp.	T_{OPR}	-10~+60	℃
Storage Temp.	T_{STR}	-25~+80	℃

- Electrical and Mechanical Specification
  Under T_A＝25℃，VCC＝+9V unless specified

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
Power Supply	VCC	8	9	15	V
Current Dissipation	I_C		400	600	mA
Frequency	F_{REQ}	920		925	MHz
Effective Distance*	Dis	0	500	1000	mm

** Effective distance depends on protocol, tag and 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.