Smart Identify
Smart choice you choose

UHF Desktop Reader

SID-U861DK-IP

UHF Reader

Model : SID-U861DK-IP

Size : 160mmx110mmx35mm

Weight : 420g

Smart identify Ltd.
594/9 Hathairat Road, Bangchan Klongsamwa, Bangkok 10510 Thailand
Tel : +66(0)2-136-9171 to 4 Fax : +66(0)-136-9175

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GENERAL DESCRIPTION

SID-U861DK-IP 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.

FEATURE

- Self-intellectual property;
- Support ISO18000-6C (EPC C1G2),ISO18000-6B protocol tag;
- 860~868MHz, 902~928MHz frequency band(frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 30dbm(adjustable);
- Built-in wideband antenna with effect distance 10cm~100cm*;
- Support auto-running and interactive work mode;
- Low power dissipation with single +5 V DC power supply
- Support TCP/IP (RJ45), 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.*

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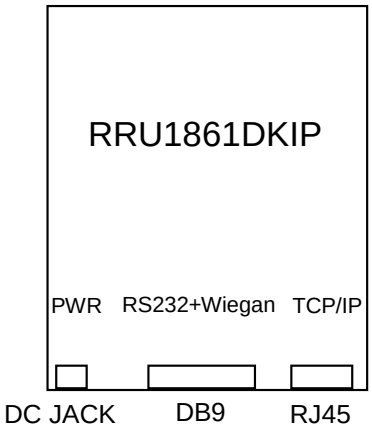
INTERFACE



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

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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	12	V
Current Dissipation	I_C		350	650	mA
Frequency	F_{REQ}	860	860~868 902~928	928	MHz
Effective Distance*	DIS	10		100	cm

** 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.

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