

UHF Desktop Reader



UHF
Reader

Model : SID-RDT-U809-UKBL

Size : 105mmx70mmx11mm

Weight : 80g

GENERAL DESCRIPTION

SID-RDT-U809-UKBL is a high performance Multiple Protocol UHF RFID Reader. It is designed upon fully self-intellectual property. Based on proprietary efficient digital signal processing algorithm, it supports fast tag decoding 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 ISO18000-6B, ISO18000-6C(EPC C1G2) protocol tag;
 - 920~925 MHz frequency band (frequency customization optional);
 - FHSS or Fix Frequency transmission;
 - RF output power up to 13dbm (adjustable);
 - No external power source needed;
 - Built-in antenna with effect distance up to 200mm*;
 - Support USB1.1 interface with emulated keyboard function;
 - Slim outline;
 - Provide customization services.
 - Keyboard Emulation
 - National Broadcasting and Telecommunication Commission (NBTC) Approve
- * *Effective distance depends on protocol, tag and environment.*

C H A R A C T E R I S T I C

- Absolute Maximum Rating

ITEM	SYMBOL	VALUE	UNIT
Power Supply	VCC	6	V
Operating Temp.	T _{OPR}	-10~+60	°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	4.5	5	5.5	V
Current Dissipation	I _c		90	200	mA
Frequency	F _{REQ}	920		925	MHz
Effective Distance*	Dis	0	100	200	mm

* Effective distance depends on protocol, tag and environment.