S-CD20RJ

Features

It is designed upon fully self-intellectual property. Based on proprietary 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.

- Self-intellectual property
- Support ISO18000-6C (EPC C1G2),ISO18000-6B protocol tag
- 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 up to 500mm*
- Support auto-running and interactive work mode
- Low power dissipation with single +9V DC power supply
- SupportRS232 and Wiegand interface
- Output format and parameters configurable
- Provide SDK and demo software to facilitate further development

INTERFACE

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

Item	Symbol	Value	Unit
Power Supply	VCC	5	V
Operating Temp.	T_{OPR}	-10~+60	℃
Storage Temp.	T_{STR}	-25~+80	℃

Electrical and Mechanical Specification

Item	Symbol	Min	Typ	Max	Unit
Power Supply	VCC	6	9	12	V
Current Dissipation	IC		400	700	mA
Frequency	FREQ	902		928	MHZ
Effective Distance*	Dis	0	100	500	mm

UHF Card Dispenser - TCP/IP Connectivity