

UHF RFID Desktop Reader Introduction:

CJ2502B usb UHF RFID desktop reader with small shape, easy to carry. Suitable for assembly line location management, access control, book document management, as well as background to conduct electronic label reading, writing, authorization, formatting and other operations. Can be read and write card, authorization, formatting, etc.

CXJ rfid card reader



UHF RFID Desktop Reader Features:

- Support ISO18000-6C protocol
- USB communication interface support
- The output format and parameters of the simulation keyboard mode can be customized
- Virtual serial port work mode, USB No drive way and USB No drive simulation keyboard mode optional
- Advanced tag collision processing algorithm □ high literacy rate

UHF RFID Desktop Reader Applications:

- Assembly line management
- Tag read/write, authorization, formatting, and normal operation
- Electronic tickets, card issuing machine and personnel access control
- Asset Management

UHF RFID Desktop Reader Specifications:

Physical parameter	
Size	105mm×70mm×11mm
Weight	350g

Outer covering material	Fiber thin shape design
Power	USB interface, No external power supply
Operating power	1W
UHF RFID	
Protocol	ISO18000-6C
Frequency	FCC: 902~928MHz, ETSI: 865~868MHz(can be adjusted according to different countries or regions)
Output power	Maximum 10dBm (adjustable in software)
Power regulation	1dB
External interface	USB1.1
Operating mode	To work with broad spectrum hopping (FHSS) or fixed frequency emission
Read speed	>100 time/s
Antenna	Internal antenna
Reading distance	0~18cm (According to the label performance and the label working environment)
Written distance	0~8cm (According to the label performance and the label working environment)
Work environment	
Work temperature	-10~+60°C
Storage temperature	-25~+80°C
Humidity	10%~95% RH

User manual:

1. USB emulate keyboard stroke(read only)

Step one: Connect reader with pc/laptop through usb interface

Step two: Open Notepad or a word document, click mouse, put card on the reader, the card number will output on the notepad or word document.



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无标题 - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
010001004412008724101D7C
010001004412008724101D7C
010001004412008724101D7C
123456789012345678901234
123456789012345678901234
010001004412008724101D7C
123456789012345678901234
E2004074850C0213272008F3
010001004412008724101D7C
E2004074850C021426300F82
E2004074850C0213272008F3
E2004074850C0213272008F3
E2004074850C0214260010E4
E2004074850C0213272008F3
E2004074850C021426300F82
E2004074850C021426100F86
E2004074850C021426300F82
E2004074850C0213272008F3
E2004074850C0214260010E4
```

2. USB UHF reader writer

Step one: Connect reader with pc/laptop through usb interface, put card on the reader

Step two: Open demo software, click "open com port"

Step three: Click "EPC GEN2 Test", click "Query tag", then the card EPC number will output on the right list.

The screenshot shows the 'Reader Parameter' window with two tabs: 'EPCC1-G2 Test' and '18000-6B Test'. The 'Communication' section includes a 'COM Port' dropdown set to 'AUTO', a 'Reader Address' field with 'FF', an 'Open COM Port' button, a 'Baud' dropdown set to '57600bps', an 'Opened COM Port' dropdown set to 'COM4', and a 'Close COM Port' button. The 'Reader Information' section displays: Type: UHFReader09, Version: 01.23, Protoc: ISO18000-6B and EPCC1-G2 (checked), Address: 00, Power: 13, Max InventoryScanTime: 30*100ms, Min.Frequency: 902.6MHz, and Max.Frequency: 927.4MHz. A 'Get Reader Info' button is present. The 'Set Reader Parameter' section includes: Address(HEX): 00, Baud Rate: 57600bps, Power: 13, Max InventoryScanTime: 30*100ms, Min.Frequency: 902.6 MHz, Max.Frequency: 927.4 MHz, and a 'Single Frequency Point' checkbox. A 'Band Select' section has radio buttons for User band (selected), Chinese band2, US band, Korean band, and EU band. 'Set Parameter' and 'Default Parameter' buttons are at the bottom.

The screenshot shows the 'Reader Parameter' window with tabs for 'EPCC1-G2 Test' and '18000-6B Test'. The 'List EPC of Tags' section contains a table with the following data:

No.	ID	EPC Length	Times
1	123456789012345678901234	0C	8

Below the table is an 'EPC Mask Enabled' section with a checkbox, 'Mask.adr:' field with '00', and 'Mask.Len:' field with '00'. The 'Query Tag' section includes a 'Read Interval' dropdown set to '50ms' and a 'Query Tag' button. The 'Kill Tag' section has a dropdown with '123456789012345678901234', a 'Kill Password (8Hex)' field with '00000000', and a 'Kill Tag' button. The 'Write EPC(Random write one tag in the antenna)' section has a 'Write EPC (1-15Word)' field with '0000', an 'Access Password (8Hex)' field with '00000000', and a 'Write EPC' button. A 'Read Protection' section is partially visible at the bottom.