New Passive Card Reader Demonstration Program

Instructions for use

version control		
Change Date Version		Changes to the
2012/06/10 V1.0		original version

directory

Instructions

1 Introduction

The company provides a demonstration program for configuring the working parameters of the 915MHz reader; identifying and reading the 915MHz tag

And write a program demonstration; the program interface is shown in the figure below:

1.1. Menu bar

Quickly switch to the demo interface;

1.2. Demo area

Operate the card reader;

1.3. Status bar

View the current operating status, switch the communication mode and switch the interface language display;

2. PC and read communication connection

2.1. RS232 communication

2.1.1. Confirm that the serial port of the card reader is connected to the computer

serial port; 2.1.2. Switch the communication mode to "serial port communication" in the status bar, click the "Online" button in the menu bar, and the demonstration area displays as follows:

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2.1.3. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are selected; 2.1.4. Click the "Online"

button in the above figure, and the status bar will display The words "online success" in green font indicate that the current RS232 connection is successful; as follows

picture:
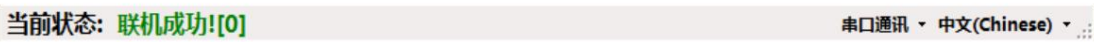
2.1.5. If the red status information is displayed, it means that the connection failed, please check whether the serial port is connected correctly, whether the serial port exists or whether the serial port is

occupied by other programs, etc.;

2.1.6. After the connection is successful, the gray button in the menu bar is displayed as an optional state; as shown below:

2.2. TCPIP communication

2.2.1. Make sure the card reader is connected to the network;

2.2.2. Switch the communication mode to "Network Communication" in the status bar, click the "Online" button in the menu bar, and the demonstration area is displayed as follows:

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for use 2.2.3. Fill in the correct remote IP address and remote IP port (the default value is 49152), only fill in the correct remote IP address and remote IP

port, communication will be established;

2.2.4. Click the "Online" button in the above picture, and the status bar will display the words "Online Success" in green font, indicating that the current TCPIP communication connection is successful;

As shown below:

| 当前状态: 联机成功![0] | 网络通讯 ▾ 中文(Chinese) ▾ |

2.2.5. If the red status information is displayed, it means that the connection failed, please check whether the IP of the card reader is correct, etc.; 2.2.6. After the connection is successful,

the gray button in the menu bar is displayed as an optional state; as shown below:

联机(Esc) 基本参数(F1) 6B演示(F2) 6C演示(F3) 读卡演示(F4) 定制参数 6C写卡

3. Basic parameters

Communication must be established between the software and the card reader before parameter setting can be performed; select "Basic Parameters" in the menu bar to display the following interface:

| 基本参数设置 | 高级参数设置 |

韦根参数输入区

| 数据偏移: | 0 | Byte | 脉冲宽度: | 10 | *10us |
| 输出周期: | 30 | *10ms | 脉冲周期: | 15 | *100us |

基本参数输入区

工作模式:	Command	通讯模式:	1-RS232	读卡周期:	10	ms
功率大小:	30	dBi	外部触发方式:	Close	相同ID输出间隔:	0	s
嗡鸣器:	Enabled	读卡类别:	EPC(GEN 2)Single-Tag			

| 获取参数(G) | 设置参数(S) | 默认基本参数(B) | 默认所有参数(A) |

3.1. Basic parameter settings

Note: To change the parameters, you need to click the "Parameter Setting" button to set the changed parameters to the card reader;

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3.1.1. Interface parameter description

3.1.1.1. Wiegand parameter input area

The Wiegand parameter setting is mainly related to the Wiegand output interface, only when the communication mode is selected as Wiegand26 or Wiegand34

method is only valid.

Data offset: related to the Wiegand protocol, see Wiegand protocol for details;

Output cycle: related to Wiegand protocol, see Wiegand protocol for details;

Pulse width: related to Wiegand protocol, see Wiegand protocol for details;

Pulse period: related to Wiegand protocol, see Wiegand protocol for details;

3.1.1.2. Basic parameter input area

Working mode: The working mode includes 3 items: actively send data, passively send data and answer mode;

1. Actively send data: The card reader continues to read the card, and actively sends the card number each time it reads through the communication interface (applied to active

   data upload);

2. Passively send data: The card reader reads the card continuously, and saves the card number read each time in the memory of the card reader, and saves the card number without sending the card number

   The last read card number (applied to passive data upload); the card reader does not

3. Answer method: read the card, and the reader responds differently according to different commands. For example, the PC sends a command to identify the card, and the reader

   reads the card once , and reply the read card number to the PC through the communication interface; (applied to close-range card reading and writing, testing)

4.

Communication method: Communication method includes 7 items: RS232, RS485, TCPIP, CANBUS, Syris, Wiegand26 and Wiegand34; 1.

    RS232ÿ   Serial port communication, directly connected to PC serial port; point-to-point communication; serial port

2. RS485ÿ   communication, directly connected to PC serial port; point-to-multiple communication; network

3. TCPIPÿ   communication, communicating with PC through LAN or WAN; bus communication, point-to-multiple

4. CANBUSÿ   communication method;

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5. Syria: use Taiwan Syris controller protocol communication method; Standard card reader

6. Wiegand26ÿ   communication method, one-way communication method; Standard card reader

7. Wiegand34ÿ   communication method, one-way communication method;

Information: Wiegand http://baike.baidu.com/view/557637.html http://baike.baidu.com/view/196467.htm http://

RS485   baike.baidu.com/view/196461.htm http: //baike.baidu.com/view/7649.htm

RS232

TCPIP

CANBUS httpÿ//baike.baidu.com/view/985423.htm

Card reading cycle: the card reader reads the card once after the time interval is set;

Note: The card reading cycle is generally greater than 10ms, too small will shorten the service life of the reader.

Power size: set the transmit power size, the maximum value is 30;

External trigger mode: trigger mode includes 2 items: off and active low;

1. Off: Close the trigger mode to read

2. Active Low: the card; when the trigger level lead (gray line) is connected to low level (0V), the card reader is turned on; when the trigger level lead (gray line)

   is connected to high level (12V), the card reader closure;

   Note: When the trigger mode is not set to off, the trigger lead must be connected to high level or low level, and cannot be suspended;

Same ID output interval: Adjacent discrimination is designed to reduce the redundancy of data uploaded by the reader;

   When this function is selected, when the reader reads the same tag multiple times in a row, only one set of data will be uploaded;

   the valid time can be selected for adjacent discrimination, that is, if the time interval between two adjacent card readings exceeds the valid time , they will not be judged

adjacently; the user should set it according to the specific needs;

Buzzer: When setting the reader to read the card, whether the buzzer will make a sound;

Type of card reading: the type of card read by the card reader and the type of data read; the

1. ISO18000-6Bÿ   card reader only reads the label under the ISO18000-6B protocol; the card

2. EPCÿGEN 2ÿSingle – Tagÿ   reader only reads the label under the EPC (GEN 2) protocol, and can only read at one time Take one tag and

   put multiple tags in the effective range of the card reader at the same time, the card reader may not read or read difficultly;

3. EPCÿGEN 2ÿMulti – Tagÿ   The card reader can only read tags under the EPC (GEN 2) protocol, and can read multiple tags at the same time;

4. EPCÿGEN 2ÿMulti – Dataÿ   The card reader can only read tags under the EPC (GEN 2) protocol, and can read data in other areas besides

   the 12-byte data in the default EPC area (when this category is selected, you can set it in the advanced parameters to read data in other areas position length, maximum

   12 bytes);

5. ISO18000-6B + EPCÿGEN 2ÿÿ   Readable ISO18000-6B protocol and EPC (GEN 2) protocol labels;

3.1.2. Get parameters

Click the "Get Parameters" button to get the current card reader parameters; the status bar

displays green to indicate that the acquisition is successful, and red to indicate that the acquisition failed; (it is best to keep the card reader from reading the card when obtaining the parameters)

3.1.3. Setting parameters

After changing the parameters of the demonstration area, click the "Set Parameters" button to set the modified parameters to the current card reader; the status

bar displays green to indicate that the setting is successful, and red to indicate that the setting fails; (it is best to keep reading when setting parameters) The card reader does not read the card)

3.1.4. Default basic parameters

Click the "Default Basic Parameters" button to restore the basic parameters to the default values; (you need to click "Set Parameters" to set the parameters to the card reader)

3.1.5. Default all parameters

Click the "Default All Parameters" button to restore the basic parameters and advanced parameters to the default values; (you need to click "Set Parameters" to set the parameters to the card reader)

3.2. Advanced parameter settings

Note: To change the parameters, you need to click the "Parameter Setting" button to set the changed parameters to the card reader;

Card reading category: EPC (GEN 2) Single - Tag

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Card reading category: EPC (GEN 2) Multi-Tag

Card reading type: EPC (GEN 2) Multi-Data

3.2.1. Interface parameter description

3.2.1.1. The number of antennas in the

advanced parameter input area: For the application parameters of multi-channel card readers (split card readers), the default antenna of the integrated

card reader is 1; Encryption enable: After enabling encryption, fill in the password, And after setting the parameters, the card reader will only read the encrypted tags of the card reader

under the password; Maximum number of cards read: the number of cards selected by the card type (default value 32); card numbers in other areas: card type selected The card

number of other partitions; starting address: card reading type you select EPCÿGEN 2ÿMulti – Tag   When, this parameter limits the maximum read rate of one scan of the card reader

EPCÿGEN 2ÿMulti –Data   When this parameter is selected, except reply to the default 12-byte EPC card

EPCÿGEN 2ÿMulti –Data   When , this parameter selects the starting address of the card number of other partitions;

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Card number in other areas: select the maximum value 6*2 for EPCÿGEN 2ÿMulti –Data   When, this parameter selects the length of the card number of other partitions, (most

the card reading type;

3.2.1.2. Frequency hopping parameter input is

related to 18000-6B and EPC (GEN2) card, generally choose frequency hopping; three kinds of frequency

hopping frequency bands can be quickly set, and frequency hopping frequency bands can also be customized;

fixed frequency parameters can be set;

3.2.2. Get parameters

Click the "Get Parameters" button to get the current card reader parameters; the status bar displays

green to indicate that the acquisition is successful, and red to indicate that the acquisition failed; (it is best to keep the card reader from reading the card when obtaining the parameters)

3.2.3. Setting parameters

After changing the parameters of the demonstration area, click the "Set Parameters" button to set the modified parameters to the current card reader; the status bar

displays green to indicate that the setting is successful, and red to indicate that the setting fails; (it is best to keep reading when setting parameters) The card reader does not read the card)

3.2.4. Default Advanced Parameters

Click the "Default Advanced Parameters" button to restore the basic parameters to the default values; (you need to click "Set Parameters" to set the parameters to the card reader)

3.2.5. Default all parameters

Click the "Default All Parameters" button to restore the basic parameters and advanced parameters to the default values; (you need to click "Set Parameters" to set the parameters to the card reader)

4. 6B Demo

4.1. Demonstration of card number recognition

The working mode of the card reader is set under "Command" or "Passive", click 识别(E) button, the status bar displays green

The color means that the acquisition is successful, and the red means that the acquisition

fails; success:

卡号识别区

卡号: E0-04-00-00-FA-1A-FC-05-00-00-00-00
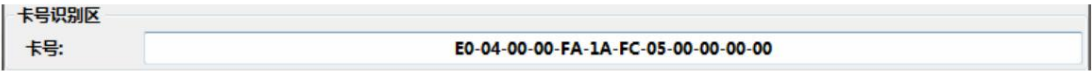
fail:

卡号识别区
卡号: 00-00-00-00-00-00-00-00-00-00-00-00

4.2. Card reading demo

Fill in the data read address and data length in the read data area;

The working mode of the card reader is set under "Command" or "Passive", click 读卡(A) button, the status bar displays green

The color means that the acquisition is successful, and the red means that the acquisition

fails; success:

读数据区
地址: 18   读数据长度: 2   (长度不大于64)
数据显示: 11-11

fail:

读数据区
地址: 18   读数据长度: 2   (长度不大于64)
数据显示: 00-00

4.3. Write card demo

Fill in the data write address and data length in the write data area, and fill in the data value;

The working mode of the card reader is set under "Command" or "Passive", click 写卡(R) button, the status bar displays green

The color indicates that the acquisition is successful, and the red indicates that the acquisition fails;

5. EPC demo

5.1. Ordinary card write operation

5.1.1. Card number recognition demo

The working mode of the card reader is set under "Command" or "Passive", click 识别(E) button, the status bar displays green

The color means that the acquisition is successful, and the red means that the acquisition

fails; success:

卡号识别区
卡号: E0-04-00-00-FA-1A-FC-05-00-00-00-00

fail:

卡号识别区
卡号: 00-00-00-00-00-00-00-00-00-00-00-00

5.1.2. Card reading demo

Fill in the data read partition, data read address and data length in the read data area;

The working mode of the card reader is set under "Command" or "Passive", click 读卡(A) button, the status bar displays green

The color means that the acquisition is successful, and the red means that the acquisition

fails; success:

fail:

5.1.3. Write card demo

Fill in the data write partition, data write address and data length in the write data area, and fill in the data value;

The working mode of the card reader is set under "Command" or "Passive", click 写卡(R) button, the status bar displays green

The color indicates that the acquisition is successful, and the red indicates that the acquisition fails;

5.2. Specify card number write card operation

5.2.1. Card number recognition demo

The working mode of the card reader is set under "Command", click 识别(E) button, the status bar displays green to indicate successful acquisition,

Red means that the acquisition failed;

success:

fail:

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指定卡号操作区

| 指定卡号: | 00-00-00-00-00-00-00-00-00-00-00 | 指定长度: | 2 | (长度不大于12) |

序号	天线号	十六进制卡号	时间	次数

5.2.2. Card reading demo

Select the specified card number and specified length in the specified card number

operation area; fill in the data reading partition, data reading address and data length in the reading data area;

The working mode of the card reader is set under "Command" or "Passive", click 读卡(A) button, the status bar displays green

The color means that the acquisition is successful, and the red means that the acquisition

fails; success:

读数据区

| 分区选择: | 1-EPC | 地址: | 2 | 读数据长度: | 2 | (长度不大于32) |
| 数据显示: | 01-06 |

fail:

读数据区

| 分区选择: | 1-EPC | 地址: | 2 | 读数据长度: | 2 | (长度不大于32) |
| 数据显示: | 00-00 |

5.2.3. Write card demo

Select the specified card number and specified length in the specified card

number operation area; fill in the data write partition, data write address and data length in the write data area, and fill in the data value;

The working mode of the card reader is set under "Command" or "Passive", click 写卡(R) button, the status bar displays green

The color indicates that the acquisition is successful, and the red indicates that the acquisition fails;

6. Card reading demo

6.1. Active card reading

When the working mode of the card reader is set to "Active", click 主动读卡(A) button, and swipe;

6.2. Passive card reading

When the working mode of the card reader is set to "Passive", click 被动读卡(**S**) button, and swipe;

7. Custom parameters

Click the "custom parameters" button, the display is as follows:

| TCPIP参数 | CANBUS参数 | SYRIS参数 | 地址参数 | 高级参数 |

TCPIP参数设置

IP地址:	192.168.10.100	IP端口:	49152
子网掩码:	255.255.255.0	网关地址	192.168.10.1
MAC地址:	5E-45-A2-6C-30-1E		

7.1. TCPIP parameters

7.1.1. When the card reader is equipped with this function, its parameter setting is valid; 7.1.2.

Select the "TCPIP Parameters" page, as shown in the figure below:

TCPIP参数设置

IP地址:	192.168.10.100	IP端口:	49152
子网掩码:	255.255.255.0	网关地址	192.168.10.1
MAC地址:	5E-45-A2-6C-30-1E		

7.1.3. Click 获取参数(**G**) , to get the TCPIP parameters of the current card reader;

7.1.4. Modify the TCPIP parameter value on the page, and click 设置参数(**S**) , you can set the TCPIP parameters of the current card reader;

7.1.5. Click 默认参数(**D**) , you can restore the interface parameter value to the default value, but you need to click 设置参数(**S**) to be set to when

In the front card

reader; 7.1.6. In the same LAN, the MAC address needs to be set to be different;

7.2. CANBUS parameters

7.2.1. When the card reader is equipped with this function, its parameter setting is valid; 7.2.2. Select

the "CANBUS parameter" page, as shown in the figure below:

CANBUS 配置

远程 ID:	00000001	本机 ID:	00000021	掩码 ID:	FFFFFFFF

7.2.3. Click **获取参数(G)** , to obtain the CANBUS parameters of the current card reader;

7.2.4. Modify the CANBUS parameter value on the page, and click **设置参数(S)** , to set the CANBUS parameters of the current card reader;

7.2.5. Click **默认参数(D)** , you can restore the interface parameter value to the default value, but you need to click **设置参数(S)** to be set to when

In the front card reader;

7.2.6. If you have any questions, please consult the technical personnel of the manufacturer for setting;

7.3. SYRIS parameters

7.3.1. When the card reader is equipped with this function, its parameter setting is valid; 7.3.2. Select

the "SYRIS parameter" page, as shown in the figure below:

SYRIS 配置

Syris SN:	00000001	Syris ID:	1 ▼

7.3.3. Click **获取参数(G)** , to obtain the SYRIS parameters of the current card reader;

7.3.4. Modify the SYRIS parameter value on the page, and click **设置参数(S)** , to set the SYRIS parameters of the current card reader;

7.3.5. Click **默认参数(D)** , you can restore the interface parameter value to the default value, but you need to click **设置参数(S)** to be set to when

in the front card reader;

7.3.6. If you have any questions, please consult the technical personnel of the manufacturer for setting;

7.4. Address parameters

7.4.1. Select the "Address Parameters" page, as shown in the figure below:

Address 配置

原有通讯地址:	65535	待设置通讯地址:	65535	设置地址

7.4.2. Modify the value of "Communication address to be set" on the page, and click **设置地址** , you can set the communication address parameters of the current card reader;

7.4.3. RS485 and TCPIP communication can use this parameter, other methods can ignore this parameter; 7.4.4. If you have

any questions, please consult the technical personnel of the manufacturer;

7.5. Advanced parameters

7.5.1. Encryption

加密	
	标签加密(F9)

When encryption is enabled in the basic parameters of the card reader, the tag can be encrypted here; 7.5.2. Soft

restart

软重启	
	软重启

Can soft reset the card reader; 7.5.3. IO

output

IO输出				
	IO1 开	IO1 关	IO2 开	IO2 关

Available when the card reader is equipped with this function;

8. EPC write card

Click the "6C write card" button, the display is as follows:

卡号写入参数				
卡号类型:	Wiegand26 ▾	写入位置:	0 ▾	☐ 是否自动加1
EPC(GEN 2)写卡				
当前读取卡号:	000000			
已写入卡号:	000000			
写入数据类型:	Hex ▾	待写入卡号:	00-00-00	

读取卡号(F9)	写入卡号(F12)	卡号减1	卡号加1

8.1. Card number write parameters

卡号写入参数				
卡号类型:	Wiegand26 ▾	写入位置:	0 ▾	☐ 是否自动加1

8.1.1. Card number type: select the type of card number to be written into the card; 8.1.2.

Write position: EPC area can store 16 bytes of data, and the default position is 12 bytes after the fifth byte (ie 0); this parameter involves the card number sent to the controller by

Wiegand communication and SYRIS communication; but when the position is not 0, when connecting the controller with a card reader, it is necessary to modify the "Wigand

parameter" in the "basic parameters" of the card reader "Data Offset" value;

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Note: Except for special controllers, do not set this value as a negative number to write labels; 3. Whether to add 1 automatically:

When this parameter is selected, continuous card numbers can be quickly written to batch labels; when this parameter is selected, when the card is successfully written After 8.1.

"Card number to be written" will be automatically increased by 1;

8.2. EPC (GEN 2) write card

8.2.1. Current read card number: this value reads the data of the written label after the card write operation, and is used to judge whether the card write is successful; 8.2.2. Written card number: this value is after the card write

operation , to display the data value that has been written; 8.2.3. Write data type: this value is convenient for the card writer to operate and write data; (Note: the data written to the label are all hexadecimal numbers) 8.2.4 .

Card number to be written: This value is the data value to be written to the tag; 8.2.5. Read card number: Read the data value of the current tag; 8.2.6. Write card number: Write the value of "Card number to be written" 8.2.7. Card number minus 1: "card number to be written"

minus 1; 8.2.8. Card number plus 1: "card number to be written" value plus 1;

Appendix A. Card reader EPC (GEN 2) writing process

Wiegand 26 write card (3 byte card number)

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:
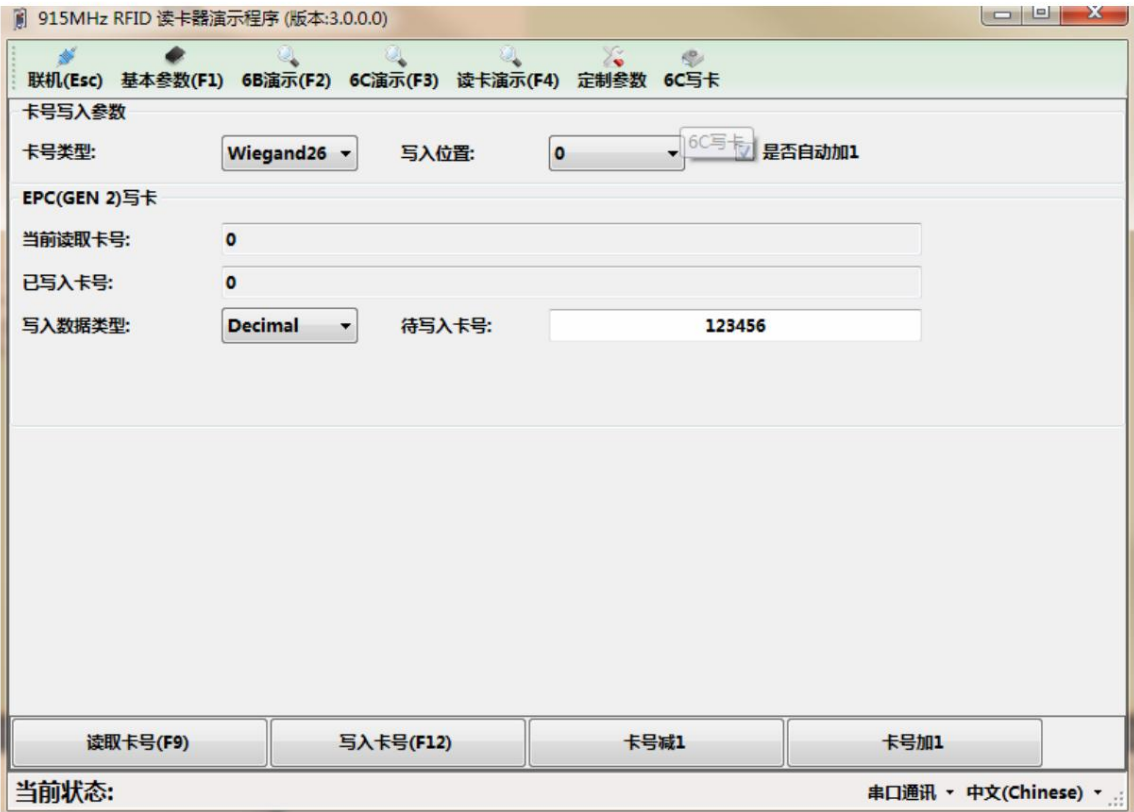

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are selected;

3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful;

The following figure:
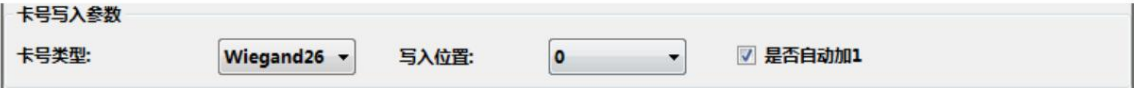
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4. Click "6C write card" to enter the 6C write card interface, as shown below:

5. Select "Wiegand26" for the card number type, set the writing position according to actual needs, the default value is 0, select "whether to automatically add 1",

As shown below:

Instructions for

use 6. The type of data to be written is selected according to the user's reading and reading. It is generally "Decimal". Fill in the card number in the input box of "Card number to be written" and select

The value range is 1~16777215 (HEX: 000001H~FFFFFFH); the card number is generally greater than 100; as shown below:

EPC(GEN 2)写卡	
当前读取卡号:	0
已写入卡号:	0
写入数据类型:	Decimal ▼ 待写入卡号: 123456

7. Place the card number label to be written in the effective reading range of the card reader or card issuer, and click 写入卡号(F12) .

EPC(GEN 2)写卡		
当前读取卡号:	123456	比对成功!
已写入卡号:	123456	写卡成功!
写入数据类型:	Decimal ▼ 待写入卡号: 123457	

Write card successfully

EPC(GEN 2)写卡		
当前读取卡号:	123456	
已写入卡号:		写卡失败!
写入数据类型:	Decimal ▼ 待写入卡号: 123456	

write card failed

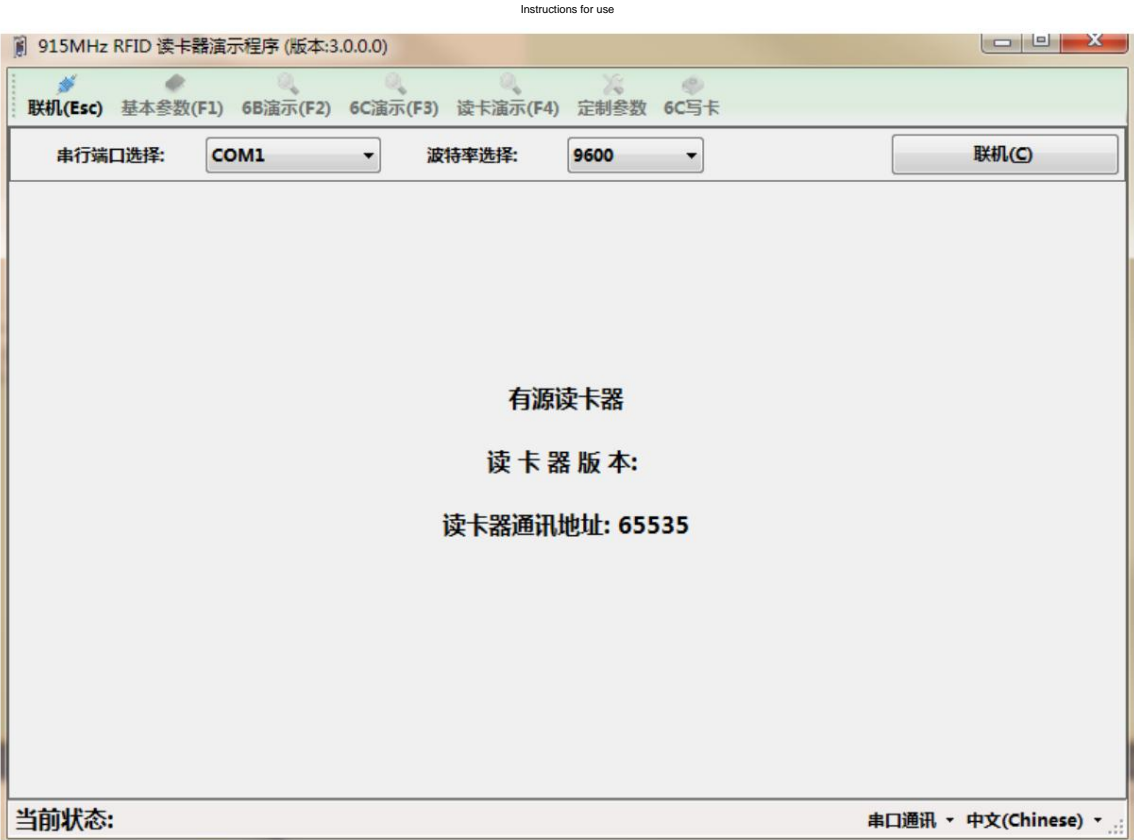| EPC(GEN 2)写卡		
当前读取卡号:		读卡失败!
已写入卡号:	123456	写卡成功!
写入数据类型:	Decimal ▼ 待写入卡号: 123456	

abnormal

8. In case of failure or abnormality, please rewrite the card;

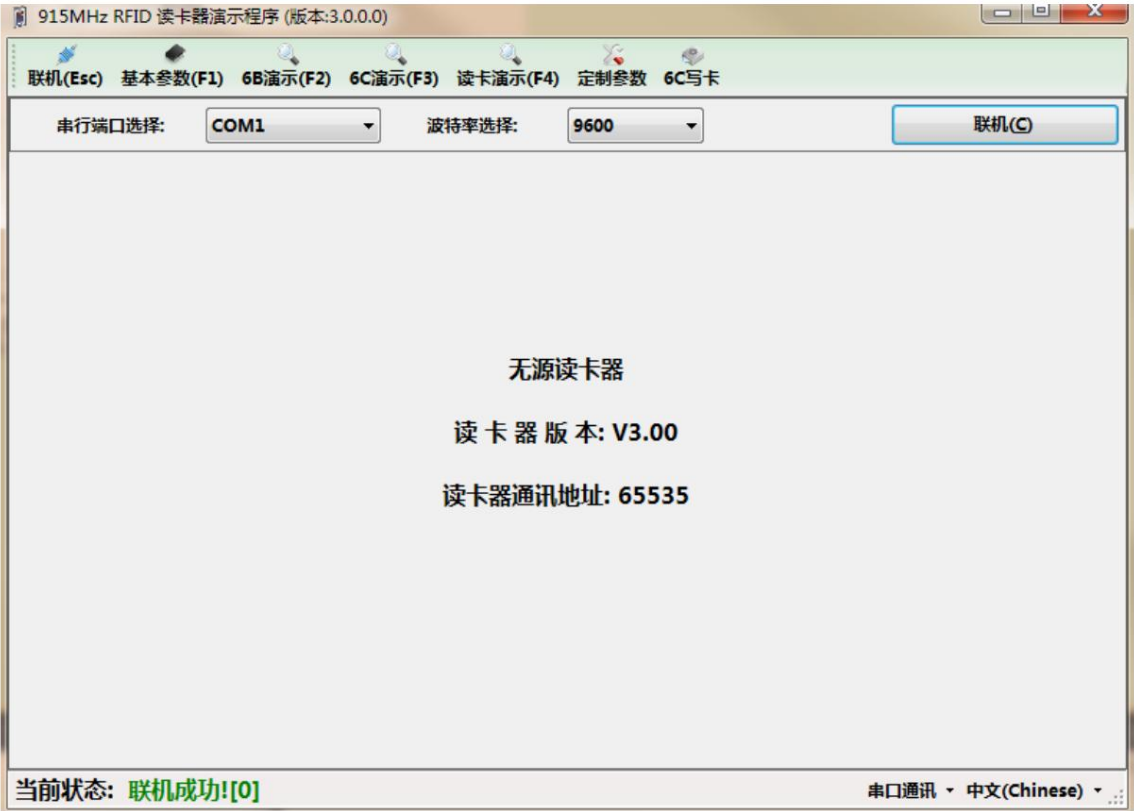## Wiegand 34 write card (4 byte card number)

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:

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2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are selected; 3. Click the "Online"

button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful;

The following figure:

4. Click "6C write card" to enter the 6C write card interface, as shown below:

Instructions for use

5. Select "Wiegand34" for the card number type, set the writing position according to actual needs, the default value is 0, select "whether to automatically add 1",

As shown below:

6. The type of data to be written is selected according to the user's reading and reading. It is generally "Decimal". Fill in the card number in the input box of "Card No. to be written" and select

The value range is 1–16777215 (HEX: 000001H–FFFFFFH); the card number is generally greater than 100; as shown below:

7. Place the card number label to be written in the effective reading range of the card reader or card issuer, and click 写入卡号(F12) ,

Write card successfully

Instructions for use

EPC(GEN 2)写卡

当前读取卡号:	123456	
已写入卡号:		写卡失败!
写入数据类型:	Decimal ▾ 待写入卡号: 123456	

write card failed

EPC(GEN 2)写卡

当前读取卡号:		读卡失败!
已写入卡号:	123456	写卡成功!
写入数据类型:	Decimal ▾ 待写入卡号: 123456	

abnormal

8. In case of failure or abnormality, please rewrite the card;

写卡失败!

Attachment B. The process of setting the IP address of the network version of the card reader

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:
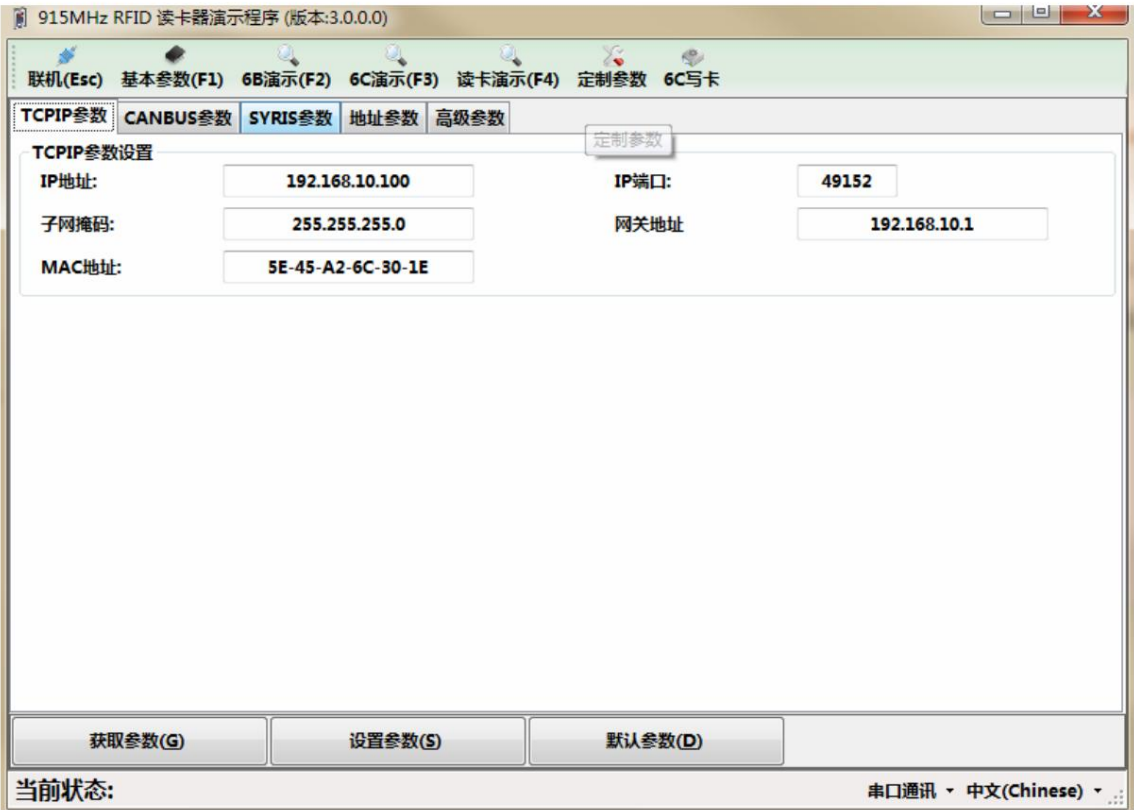

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are

selected; 3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful; as shown below:

4. Click "Custom Parameters" to enter the custom parameter interface, as shown in the figure below:

5. Select the "TCPIP Parameters" interface; modify the TCPIP parameters, as shown in the figure below:

6. Click 7. If green

is displayed in the status bar, it means the acquisition is successful, and red means that the acquisition failed;

8. If the setting fails, repeat the setting once;

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Attachment C. Card reader Wiegand communication setting process

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:
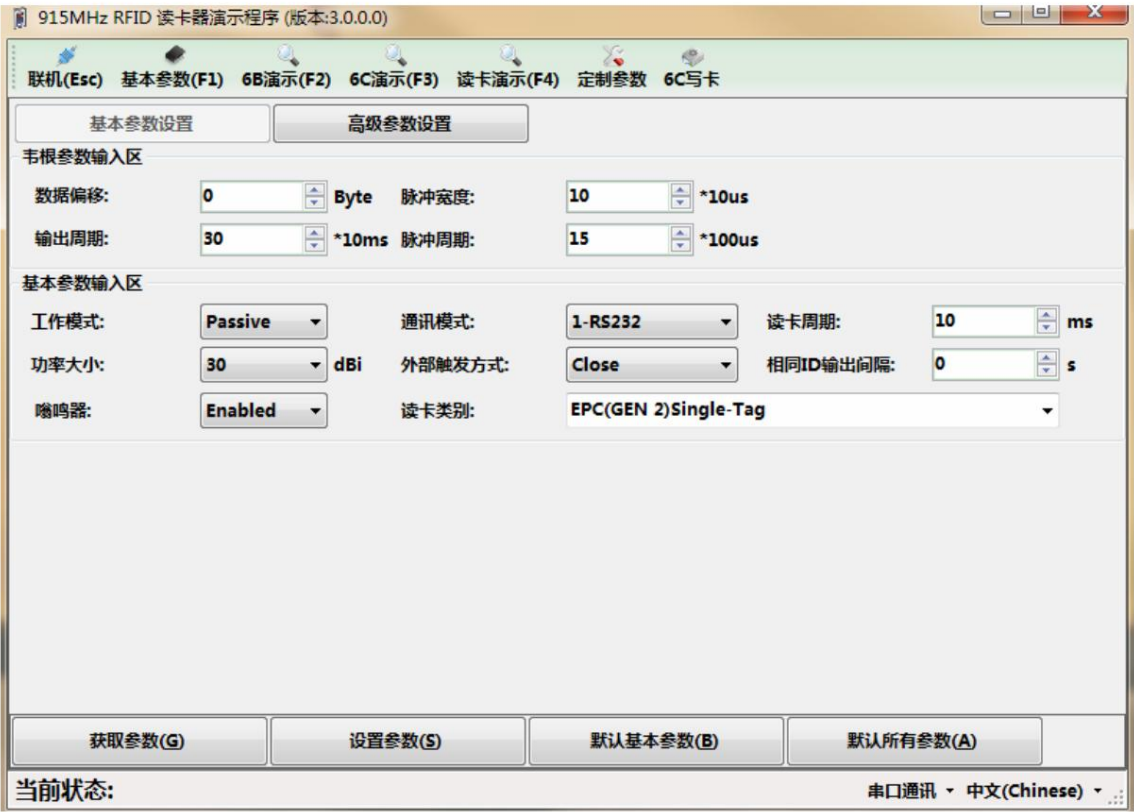

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are

selected; 3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful; as shown below:

4. Click "Basic Parameters" to enter the basic parameter interface, as shown in the figure below:

5. Click 6.

Change the "Communication Mode" to "6-Wiegand26" or "7-Wiegand34"; as shown below:

7. Click , the status bar displays green to indicate that the acquisition is successful, and red to indicate that the acquisition failed;

8. If the setting fails, repeat the setting once;

Attachment D. Card reader SYRIS communication setting process

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:
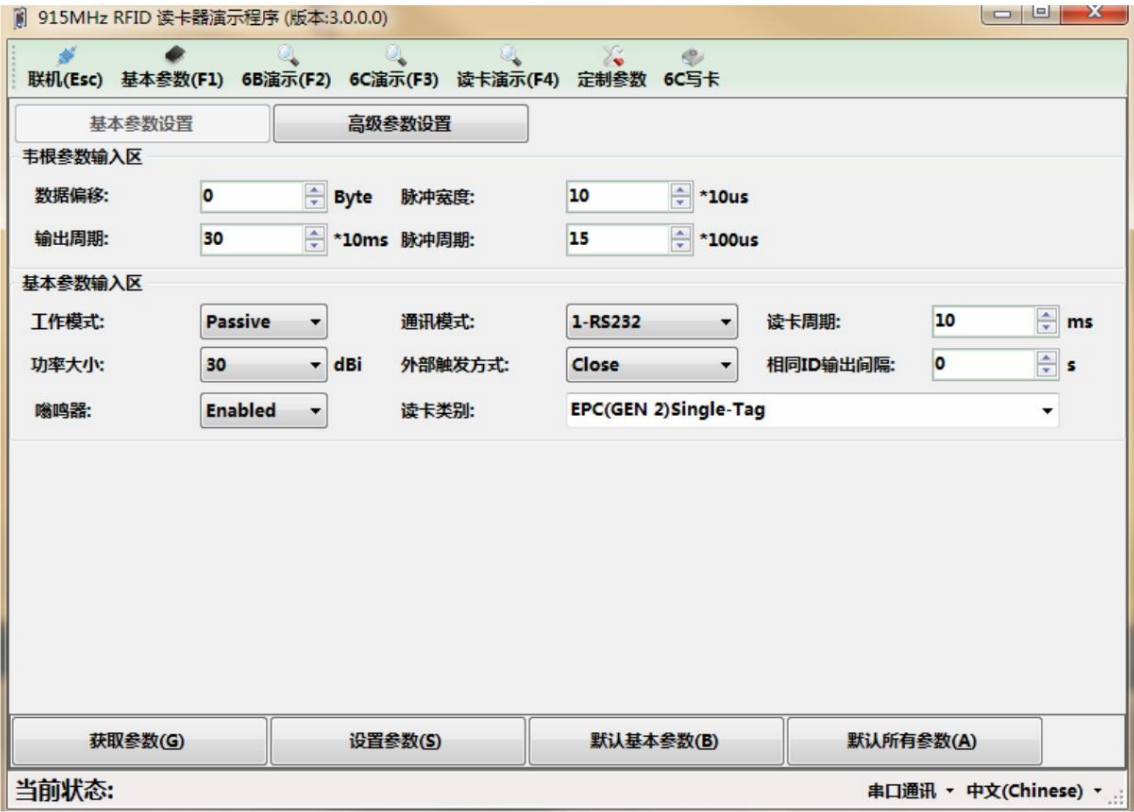

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are

selected; 3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful; as shown below:

4. Click "Basic Parameters" to enter the basic parameter interface, as shown in the figure below:

5. Click 6.

Change the "Communication Mode" to "5-Syris"; as shown below:

7. Click , the status bar displays green to indicate that the acquisition is successful, and red to indicate that the acquisition failed;

当前状态: 设置成功![0]　　　　　　　　　　　　　　　　串口通讯 ▾ 中文(Chinese) ▾

8. If the setting fails, repeat the setting once;

Attachment E. Card reader TCPIP communication setting process

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are

selected; 3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful; as shown below:

4. Click "Basic Parameters" to enter the basic parameter interface, as shown in the figure below:

5. Click 6.

Change the "Communication Mode" to "3-TCPIP"; as shown below:

7. Click

, the status bar displays green to indicate that the acquisition is successful, and red to indicate that the acquisition failed;

8. If the setting fails, repeat the setting once;

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# Attachment F. Card Reader Demo Process

1. Open the "New Passive Demo (New Passive Demo).exe" software; as shown below:

2. Select the correct serial port and baud rate (the default value is 9600). Communication will only be established if the correct serial port and baud rate are

selected; 3. Click the "Online" button in the above picture, and the green font "Online "Success" indicates that the current RS232 connection is successful; as shown below:

4. Click "Basic Parameters" to enter the basic parameter interface, as shown in the figure below:
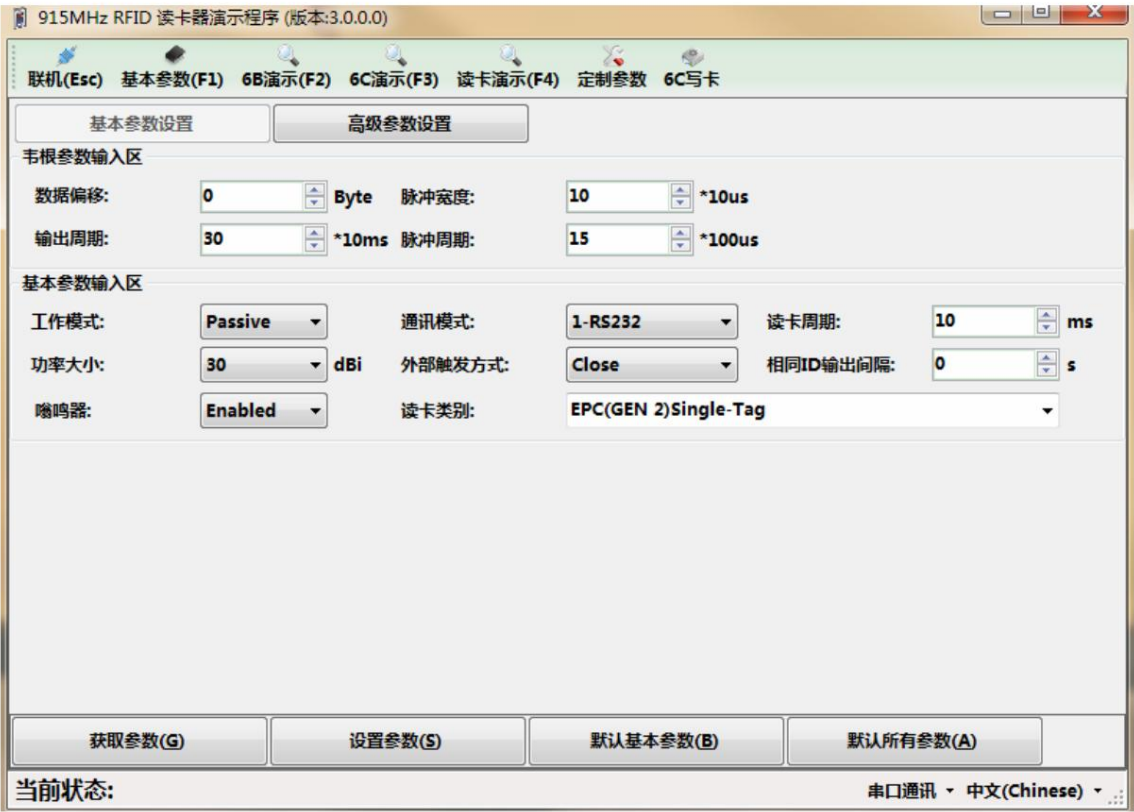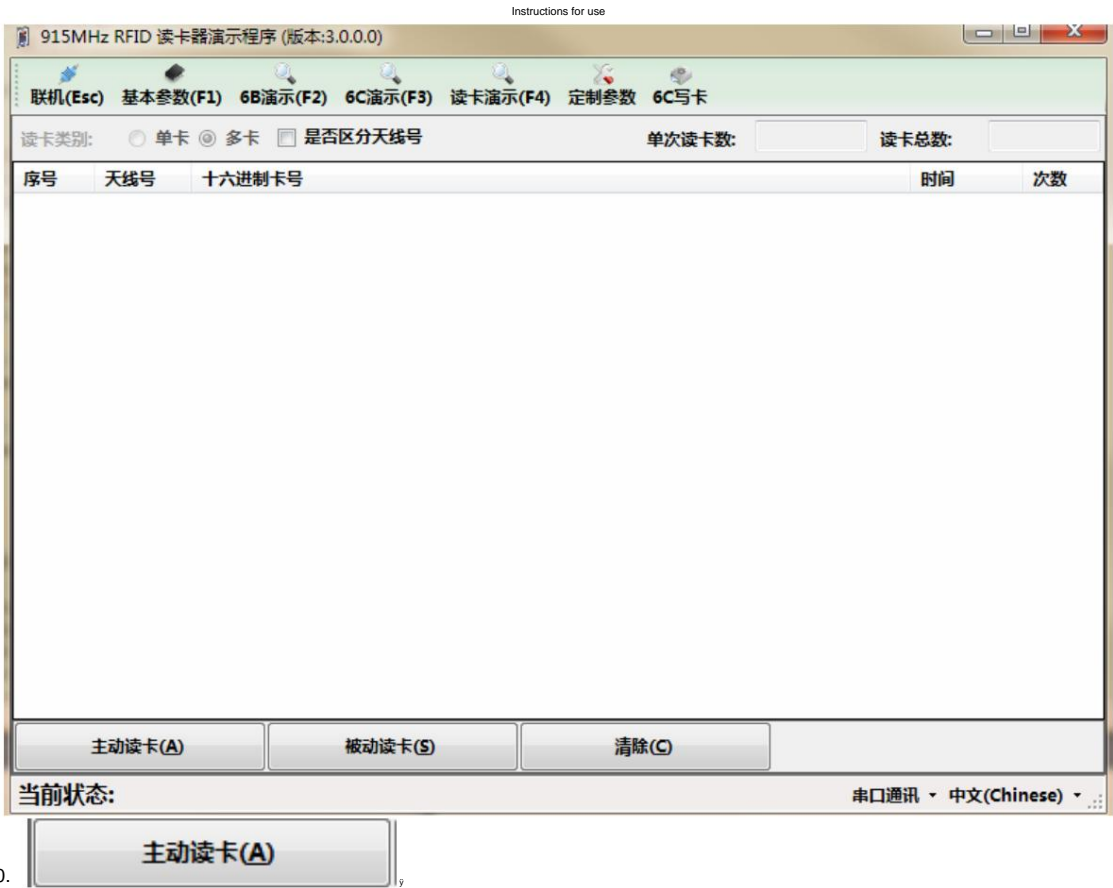

5. Click 6. Change

"Communication Mode" to "1-RS232"; as shown below:

7. Click

8. Click "Card Reading Demonstration" to enter the card reading demonstration interface, as shown in the figure below:

9. Click 10.

Swipe the card;