

**New Passive Reader
Demo
User Manual**

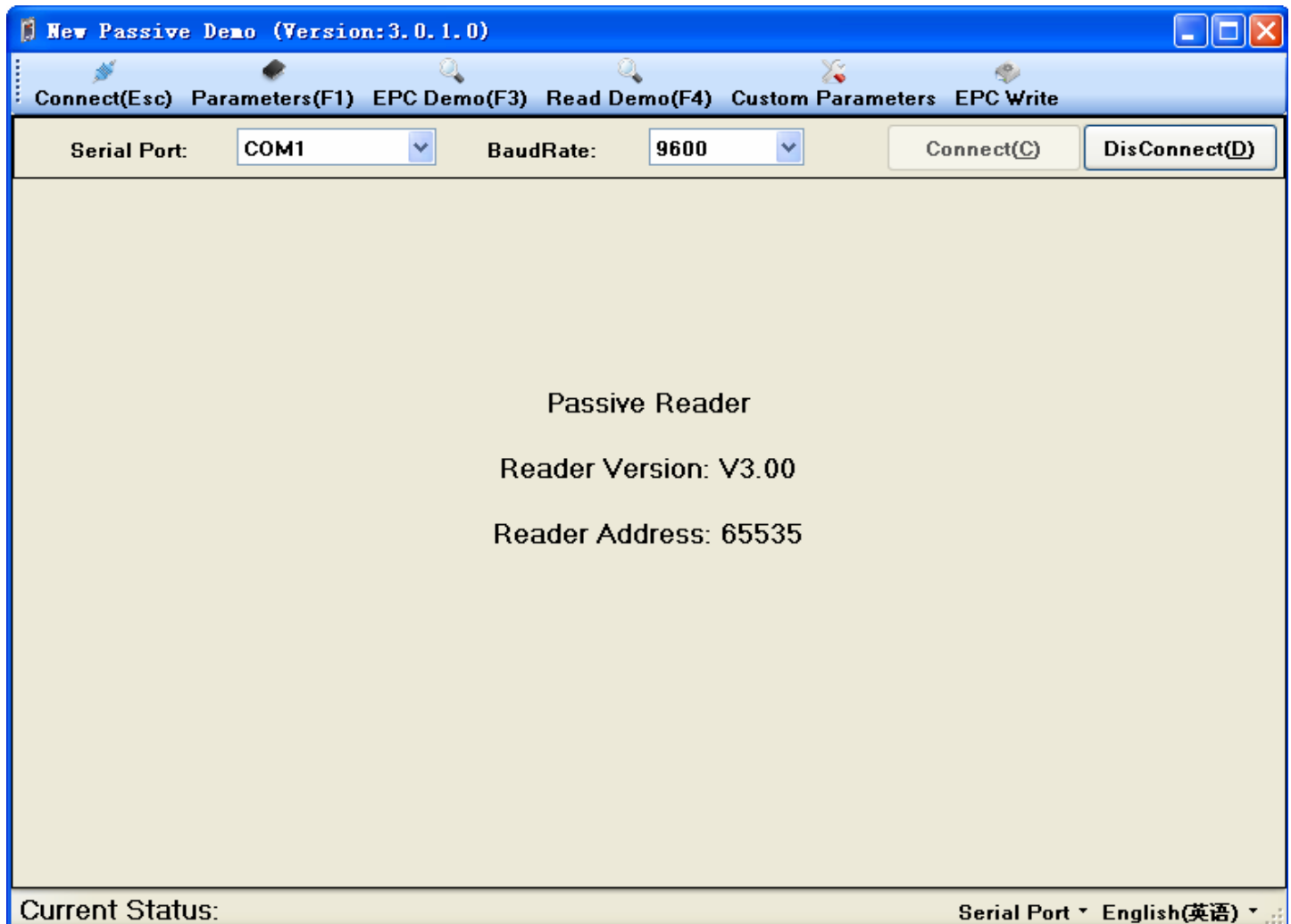
Version control		
Change Date	Version	Changes
2012/06/10	V1.0	Initial version

Contents

Contents	1
1. Introduction	2
1.1. Menu	2
1.2. Demonstration	2
1.3. Status	3
2. Communications	3
2.1. RS232	3
2.2. TCPIP	5
3. Parameters	5
3.1. Basic Parameters	6
3.1.1. Parameter specifies	6
3.1.2. Operate Parameter	8
3.2. Senior Parameter	8
3.2.1. Parameter specifies	10
3.2.2. Operate Parameters	10
4.6B Demo	11
5. EPC Demo	12
5.1. EPC operation	12
5.1.1. Identify Card	12
5.1.2. Read Data	12
5.1.3. Write Data	12
6. Read Demo	13
6.1. Active	13
6.2. Passive	13
7. Custom Parameters	13
7.1. TCPIP Parameters	14
7.2. SYRIS Parameters	14
7.3. Address Parameters	14
7.4. Senior Parameters	15
8. EPC Write	15
8.1. Parameters	16
8.2. Write Card	16
Tables A. Write Card Number	17
Wiegand26 Write Card (3 Byte Card)	17
Wiegand34 Write Card (4 Byte Card)	21
Tables B. Online TCPIP Address Configuration	25

1.Introduction

This demo be used to set parameter of the reader,and read &write the UHF passive tags;



1.1.Menu

Fast switching to demo interface;



1.2.Demonstration

Operate the Reader;

Serial Port:	COM1	BaudRate:	9600	Connect(C)	DisConnect(D)
<p>Passive Reader</p> <p>Reader Version: V3.00</p> <p>Reader Address: 65535</p>					
Current Status:			Serial Port ▾ English(英语) ▾		

1.3. Status

Check the current operation state, switching communication and language;

Current Status:	Serial Port ▾ English(英语) ▾
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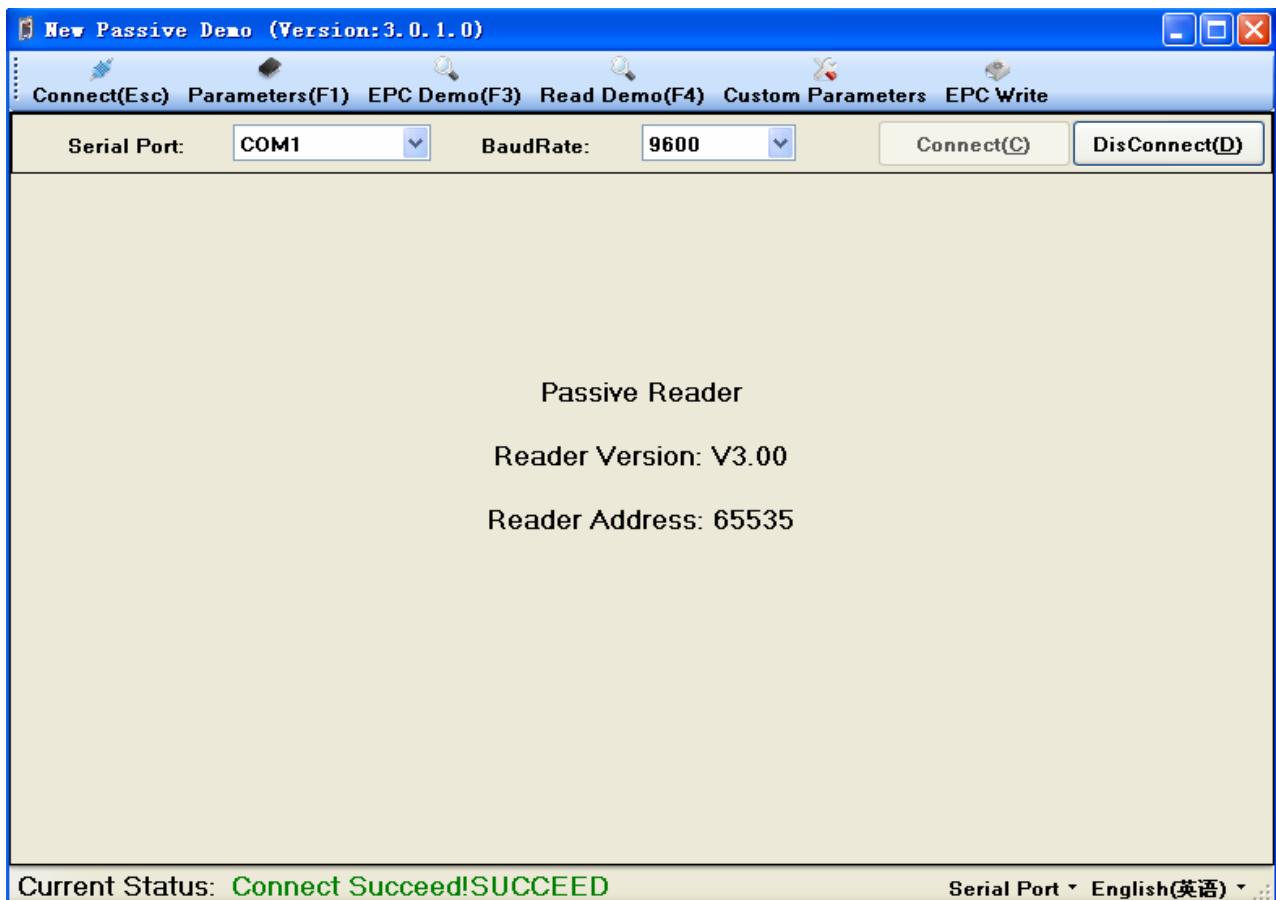
2. Communications

2.1. RS232

- 2.1.1. Connect reader to the computer with serial port (make sure the right connections, and obtain the computer serial number);
- 2.1.2. Switch the method of communication for "Serial Port":



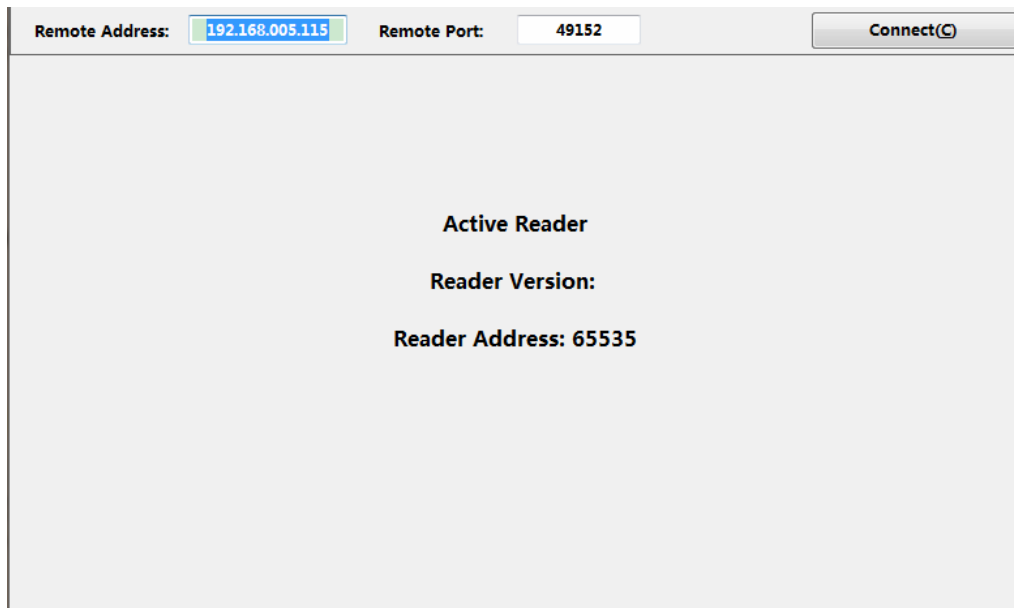
2.1.3. Choice the right serial port, choice 9600 baud rate, and then press the “Connect” button;



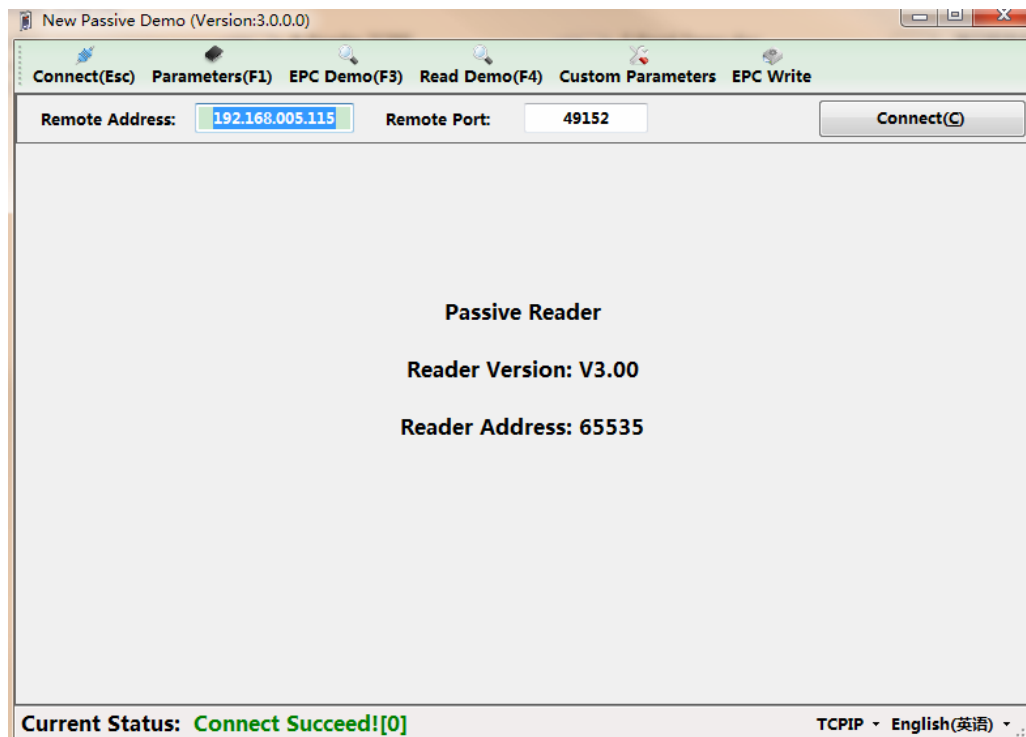
2.2. TCPIP

2.2.1. Connect reader to LAN;

2.2.2. Switch the method of communication for “TCPIP”



2.2.3. Input the right IP Address and IP Port, and then press the “Connect” button;



3. Parameters

The software must connect the equipment then it can set parameters, choice the “Parameters” menu;

Basic Parameters		Senior Parameters	
Wiegand Parameters Input Zone			
Byte Offset:	0	Byte	Pulse Width: 10 *10us
Out Interval:	30	*10ms	Pulse Period: 15 *100us
Basic Parameters Input Zone			
Work Mode:	Active	Output Mode:	1-RS232
Power Size:	18 dBi	Trigger:	Close
Buzzer:	Enabled	Card Type:	EPC(GEN 2)Single-Tag
<div> <div>Get Para(G)</div> <div>Set Para(S)</div> <div>Default Basic(B)</div> <div>Default All(A)</div> </div>			

Change any parameters, have to click on "Set Para" button then the parameters of Reader will be changed;

3.1. Basic Parameters

Basic Parameters		Senior Parameters	
Wiegand Parameters Input Zone			
Byte Offset:	0	Byte	Pulse Width: 10 *10us
Out Interval:	30	*10ms	Pulse Period: 15 *100us
Basic Parameters Input Zone			
Work Mode:	Active	Output Mode:	1-RS232
Power Size:	18 dBi	Trigger:	Close
Buzzer:	Enabled	Card Type:	EPC(GEN 2)Single-Tag
<div> <div>Get Para(G)</div> <div>Set Para(S)</div> <div>Default Basic(B)</div> <div>Default All(A)</div> </div>			

3.1.1. Parameter specifies

3.1.1.1. Wiegand Parameters Input Zone

Only the communication way is Wiegand26 or Wiegand34 is work on.

Byte offset: refers Wiegand protocol;

Out Interval: refers Wiegand protocol;

Pulse Width: refers Wiegand protocol;

Pulse Period: refers Wiegand protocol;

3.1.1.2. Basic Parameters

Work mode: Active;Command; Passive

1. **Active:** read card consistent and send the card number each time (apply for read card and transfer datas activity);
2. **Passive:** reade card consistent,and keep the card number inreader storage(100 card number in max),do not send the card number, (apply for sending datas pasive);
3. **Command:** just for write card,read is not work on , the reader make differend response according differend command for example,PC send a distinguish card order,the reader will work on a time,and sender the card number to PC (appy for short-distance write card)

Output Mode: RS232、RS485、TCPIP、CANBUS、Syris、Wiegand26 and Wiegand34;

1. **RS232:** connect PC serial port directly,, point to point communication
2. **RS485:** connect PC serial port directly,point to more communication
3. **TCPIP:** WAN DATA communication, connect PC with LAN and WAN
4. **CANBUS:** buscommunication,point to more communication;
5. **Syris:** TaiWan Syris communication;
6. **Wiegand26:** one-way communication;
7. **Wiegand34:** one-way communication;

Files: Wiegand <http://baike.baidu.com/view/557637.html>
RS485 <http://baike.baidu.com/view/196467.htm>
RS232 <http://baike.baidu.com/view/196461.htm>
TCPIP <http://baike.baidu.com/view/7649.htm>
CANBUS <http://baike.baidu.com/view/985423.htm>

Read Interval: Read the card once a time during the interval;

Note: the min interval is 10ms, otherwise the reader will shortened lifeapan

Power size: Max is 30.the higher of power the distance is further

Trigger: Close and lower trigger;

1. **Close:** read the card when close trigger;
2. **Lower trigger:** trigger grey line and connect with lower level(0V),the reaer will work on,if connect with high level,the reader will work off;

note: Trigger lead must connect with lower/higher level when it's not close

Same ID interval: The reader will read card but just send the same data a time at the same ID interval

Buzzer: Buzzer or notwhen read card;

Card type;

1. **ISO18000-6B:** Only read ISO18000-6B tags;
2. **EPC (GEN 2) Single – Tag: only read one** EPC (GEN 2) tag each time, reader will difficult to distinguish or not read if there're many tags within reading distance.; .
3. **EPC (GEN 2) Multi – Tag:** Only read EPC (GEN 2) tags, read multi-tags;
4. **EPC (GEN 2) Multi – Data:** Only read EPC (GEN 2) tag, the reader will read not only EPC block 12 bytes but also other block data (After set this card type, you can set other memory with different length (max length is 12) in senior Para.;
5. **ISO18000-6B + EPC (GEN 2):** read both ISO18000-6B and EPC (GEN 2) -6C tags;

3.1.2. Operate Parameter

- 3.1.2.1. Press “get Para”, get the Para of reader
- 3.1.2.2. Do not read card when “get Para”
- 3.1.2.3. Press “set Para” after change the Para;
- 3.1.2.4. Press “Default basic”, all basic Para. Will default (Only press “set Para” the parameters will successfully be setted)
- 3.1.2.5. Press “Default all”, all basic and senior Para. Will default (Only press “set Para” the parameters will successfully be setted)

3.2. Senior Parameter

Card type: EPC (GEN 2) Single - Tag

Basic Parameters		Senior Parameters	
Senior Parameters Input Zone			
Antenna:	<input checked="" type="checkbox"/> ANT 1	<input type="checkbox"/> ANT 2	<input type="checkbox"/> ANT 3 <input type="checkbox"/> ANT 4
Encrypt authorized:	<input type="text"/> Do not use unless customized reader!		
Freq Parameters Input Zone			
Hopping Enabled:	Enabled	China	America Europe
Hopping 1:	084-902.0 MHz	Hopping 2:	093-906.5 MHz
Hopping 3:	102-911.0 MHz	Hopping 4:	110-915.0 MHz
Hopping 5:	119-919.5 MHz	Hopping 6:	130-925.0 MHz
<div>Get Para(G)</div> <div>Set Para(S)</div> <div>Default Senior(N)</div> <div>Default All(A)</div>			
Current Status:		Serial Port ▾ English(英语) ▾	

Card type: EPC (GEN 2) Multi – Tag

Basic Parameters		Senior Parameters	
Senior Parameters Input Zone			
Antenna:	<input checked="" type="checkbox"/> ANT 1	<input type="checkbox"/> ANT 2	<input type="checkbox"/> ANT 3 <input type="checkbox"/> ANT 4
Encrypt authorized:	<input type="text"/> Do not use unless customized reader!		
Max Tags:	32		
Freq Parameters Input Zone			
Hopping Enabled:	Enabled	China	America Europe
Hopping 1:	084-902.0 MHz	Hopping 2:	093-906.5 MHz
Hopping 3:	102-911.0 MHz	Hopping 4:	110-915.0 MHz
Hopping 5:	119-919.5 MHz	Hopping 6:	130-925.0 MHz
<div>Get Para(G)</div> <div>Set Para(S)</div> <div>Default Senior(N)</div> <div>Default All(A)</div>			
Current Status:		Serial Port ▾ English(英语) ▾	

Card type:EPC(GEN2)-Multi-tag data

Basic Parameters		Senior Parameters	
Senior Parameters Input Zone			
Antenna:	<input checked="" type="checkbox"/> ANT 1	<input type="checkbox"/> ANT 2	<input type="checkbox"/> ANT 3 <input type="checkbox"/> ANT 4
Encrypt authorized:	<input type="text"/> Do not use unless customized reader!		
Other Memory:	2-TID <input type="button" value="v"/>	Start Address:	0 <input type="button" value="v"/> Length: 2 <input type="button" value="v"/> *2
Freq Parameters Input Zone			
Hopping Enabled:	Enabled <input type="button" value="v"/>	<input type="button" value="China"/>	<input type="button" value="America"/> <input type="button" value="Europe"/>
Hopping 1:	084-902.0 <input type="button" value="v"/> MHz	Hopping 2:	093-906.5 <input type="button" value="v"/> MHz
Hopping 3:	102-911.0 <input type="button" value="v"/> MHz	Hopping 4:	110-915.0 <input type="button" value="v"/> MHz
Hopping 5:	119-919.5 <input type="button" value="v"/> MHz	Hopping 6:	130-925.0 <input type="button" value="v"/> MHz
<input type="button" value="Get Para(G)"/> <input type="button" value="Set Para(S)"/> <input type="button" value="Default Senior(N)"/> <input type="button" value="Default All(A)"/>			
Current Status:		Serial Port <input type="button" value="v"/> English(英语) <input type="button" value="v"/>	

3.2.1. Parameter specifics

3.2.1.1. Senior Para.

Antenna: apply for 2/4 channel reader, fixed integrated reader default antenna1

Encrypt authorized: Enabled the encrypt (0987654321), set password, and press “set Para(s)”, the reader will read only the card which also encrypt.

Max tags: Card type is *EPC (GEN 2) Multi – Tag*, the max tags shows the max quantity which reader will distinguish (default max is 32);

Other memory: card type is *EPC (GEN 2) Multi – Data*, the reader will other memory’s card number except EPC;

Start address: card type is *EPC (GEN 2) Multi – Data*, it shows other memory’s start address of card number

Length: card type is *EPC (GEN 2) Multi – Data*, this, this Para set other memory card number’s length (max is 6*2);

3.2.1.2. Hopping Enabled

Relation to 18000-6B and EPC (GEN2) card, choose enabled common;

China, America, Europe for your choice, also custom hopping frequency

And disabled

3.2.2. Operate Parameters

3.2.2.1. Press “get Para”, get the Para of reader

3.2.2.2. Do not read card when “get Para

3.2.2.3. Press “set Para” after change the Para;

- 3.2.2.4. Press “Default basic”,all basic para. Will default (Only press”set para” the parameters will successfully be setted)
- 3.2.2.5. Press “Default all”,all basic and senior para. Will default (Only press”set para” the parameters will successfully be setted)

4.6B Demo

4.1 Identify Card

At the Work mode is “Command”or “Passive” press

Identify(E)

Current Status: **Identify Succeed![0]**

EPC(GEN 2) Identify
Card No: E2-00-10-71-29-04-02-61-17-00-65-A6

Current Status: **Identify Fail![202]**;

EPC(GEN 2) Identify
Card No: 00-00-00-00-00-00-00-00-00-00-00-00

4.2 Read Data

At the work mode is “Command”or “Passive” press

Read(A)

Current Status: **Read Succeed![0]**

EPC(GEN 2) Read
Block: 1-EPC Address: 2 Length: 2 (Length not more 16)
Data: E2-00

Current Status: **Read Fail![202]**;

EPC(GEN 2) Write
Block: 1-EPC Address: 2 Length: 2 (Length not more 16)
Data: 00-00

4.3 Write Data

At the work mode is “Command “or “Passive” press

Write(R)

5. EPC Demo

5.1. EPC operation

5.1.1. Identify Card

At the Work mode is "Command" or "Passive" press

Identify(E)

Current Status: **Identify Succeed![0]**

EPC(GEN 2) Identify

Card No:

E2-00-10-71-29-04-02-61-17-00-65-A6

Current Status: **Identify Fail![202]**

EPC(GEN 2) Identify

Card No:

00-00-00-00-00-00-00-00-00-00-00-00

5.1.2. Read Data

Set address and length in EPC(GEN2)Read:

At the work mode is "Command" or "Passive" press

Read(A)

Current Status: **Read Succeed![0]**

EPC(GEN 2) Read

Block: 1-EPC Address: 2 Length: 2 (Length not more 16)

Data: E2-00

Current Status: **Read Fail![202]**

EPC(GEN 2) Write

Block: 1-EPC Address: 2 Length: 2 (Length not more 16)

Data: 00-00

5.1.3. Write Data

Write the address and length in EPC(GEN2) Write:

At the work mode is "Command" or "Passive" press

Write(R)

6. Read Demo

6.1. Active

Set work mode is “Active” press

Active(A)

and move card;

6.2. Passive

Set work mode is “Passive” press

Passive(S)

and move card;

7. Custom Parameters

Press **Custom Parameters** as follows:

TCPIP Parameters	SYRIS Parameters	Address Parameters	Senior Parameters
TCPIP Config			
IP Address	192.168.1.115	IP Port:	49152
Subnet Mask:	255.255.255.0	GateWay:	192.168.1.1
Mac Address:	5E-45-A2-6C-30-1E		
<div> <div>Get Para(G)</div> <div>Set Para(S)</div> <div>Default(D)</div> </div>			
Current Status:		Serial Port ▾ English(英语) ▾	

7.1. TCPIP Parameters

7.1.1. Only custom YCP/IP Output mode for the reader, it'll function;

7.1.2. Choose "TCPIP Parameters" as follows:

TCPIP Config

IP Address	<input type="text" value="192.168.1.115"/>	IP Port:	<input type="text" value="49152"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>	GateWay:	<input type="text" value="192.168.1.1"/>
Mac Address:	<input type="text" value="5E-45-A2-6C-30-1E"/>		

7.1.3. Press **Get Para(G)**, will get the parameter of TCPIP;

7.1.4. After revised TCP/IP Para, press **Set Para(S)** will work on;

7.1.5. Press **Default(D)** first then press **Set Para(S)** will default all para of TCP/IP;

7.1.6. Make sure the MAC address is different at the same LAN;

7.2. SYRIS Parameters

7.2.1. Only choose Syris output mode, it'll function;

7.2.2. Choose "SYRIS Parameter" as follows:

SYRIS Config

Syris SN:	<input type="text" value="00000001"/>	Syris ID:	<input type="text" value="1"/>	<input type="button" value="Init Syris"/>
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7.2.3. Press **Get Para(G)**, will get the parameter of SYRIS;

7.2.4. After revised SYRIS para, press **Set Para(S)** will work on;

7.2.5. Press **Default(D)** first then press **Set Para(S)** will default all para of Syris;

7.2.6. Any questions, feel free to contact with supply;

7.3. Address Parameters

7.3.1. Choose "Address Parameters" as follows:

Address Config

Old Address:	<input type="text" value="65535"/>	New Address:	<input type="text" value="65535"/>	<input type="button" value="Set Address"/>
--------------	------------------------------------	--------------	------------------------------------	--

7.3.2. Revise **Old Address:** , and press **Set Para(S)** will set new address of the reader;

7.3.3. Only apply for RS485 and TCPIP;

7.3.4. Any questions, feel free to contact with supply;

8.1.Parameters

Parameters		
Card Type:	Wiegand26	Card Position: 0
		<input type="checkbox"/> Auto Add 1

8.1.1. Card Type: Wiegand 26 and 34 for choose;

8.1.2. Card Position: EPC Block has 16 bytes memory, default form the fifth byte to the end(total 12 byte, that is position 0); The Para. Refers to the card number to controller by Wigand and Syris; Please revise the “Byte Offerset” at “Basic Parameter if the position not ”0”;

Note: Do not set Negative number except special controller;

8.1.3. Auto add 1: After”write Succeed”Written Num”will auto add 1 to make sure write card more quickly.;

8.2.Write Card

EPC(GEN 2)Write Card	
Current Read Num:	0
Be Written Num:	0
Write Type:	Decimal
Written Num:	3

8.2.1. Current Read Num: It's verify whether write into right or not;

8.2.2. Be written Num: It's the written num;

8.2.3. Write Type: Decimal and Hex for choose; (Note: Write data is Hex)

8.2.4. Written Num: This is the card number;

8.2.5. Read tag: read the card number;

8.2.6. Write tag: After write num. press write tag;

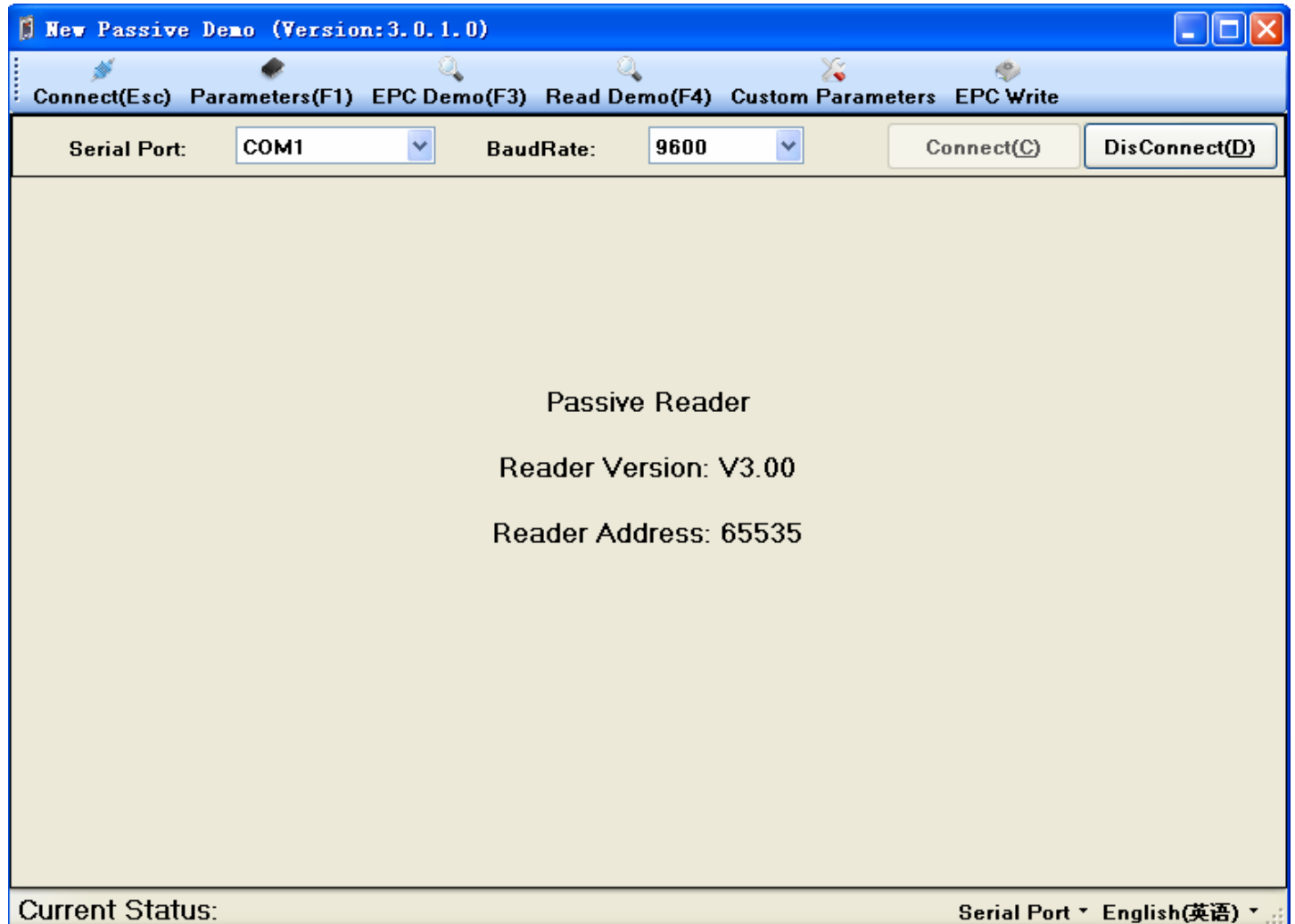
8.2.7. Decrease 1: Written number ”decrease1 auto”;

8.2.8. Add 1: “Written number” add 1 auto.;

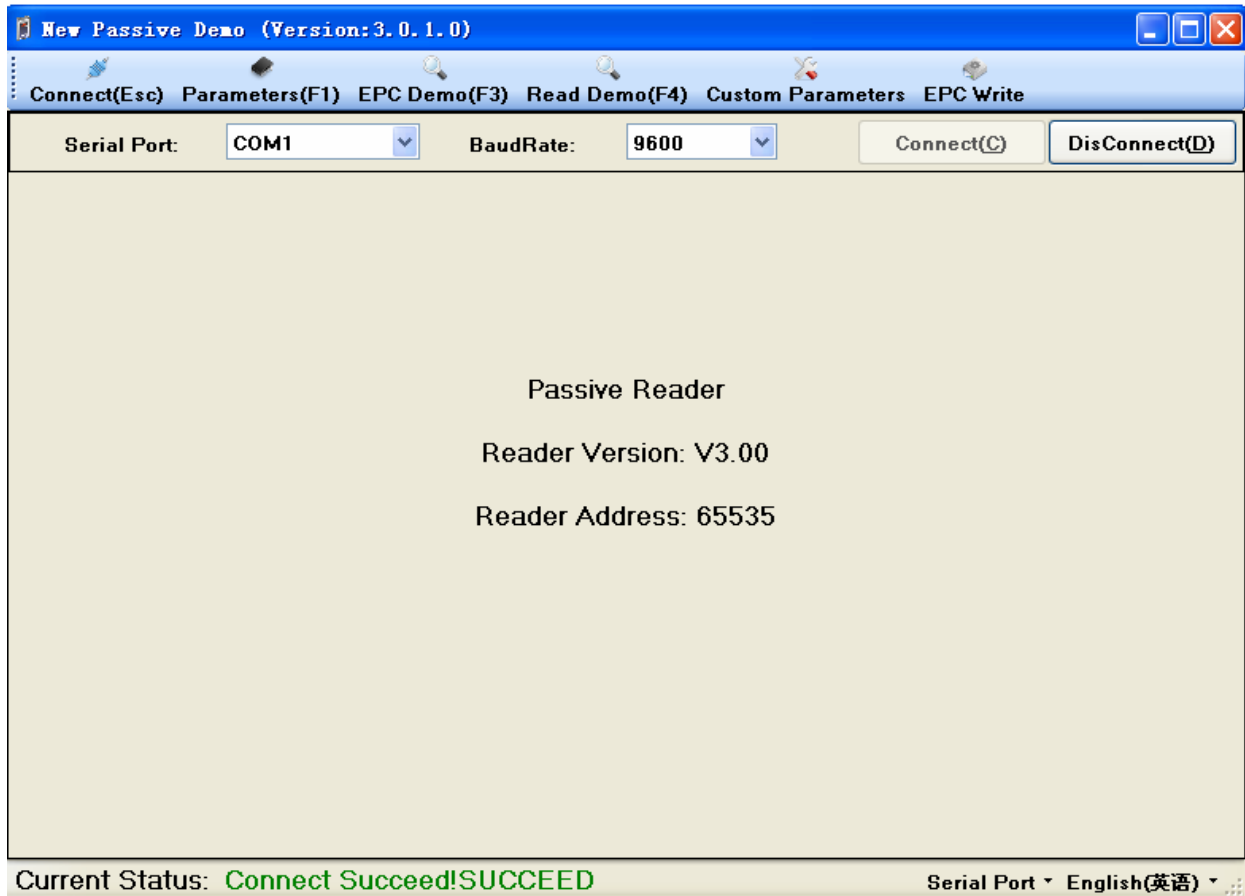
Tables A. Write Card Number

Wiegand26 Write Card (3 Byte Card)

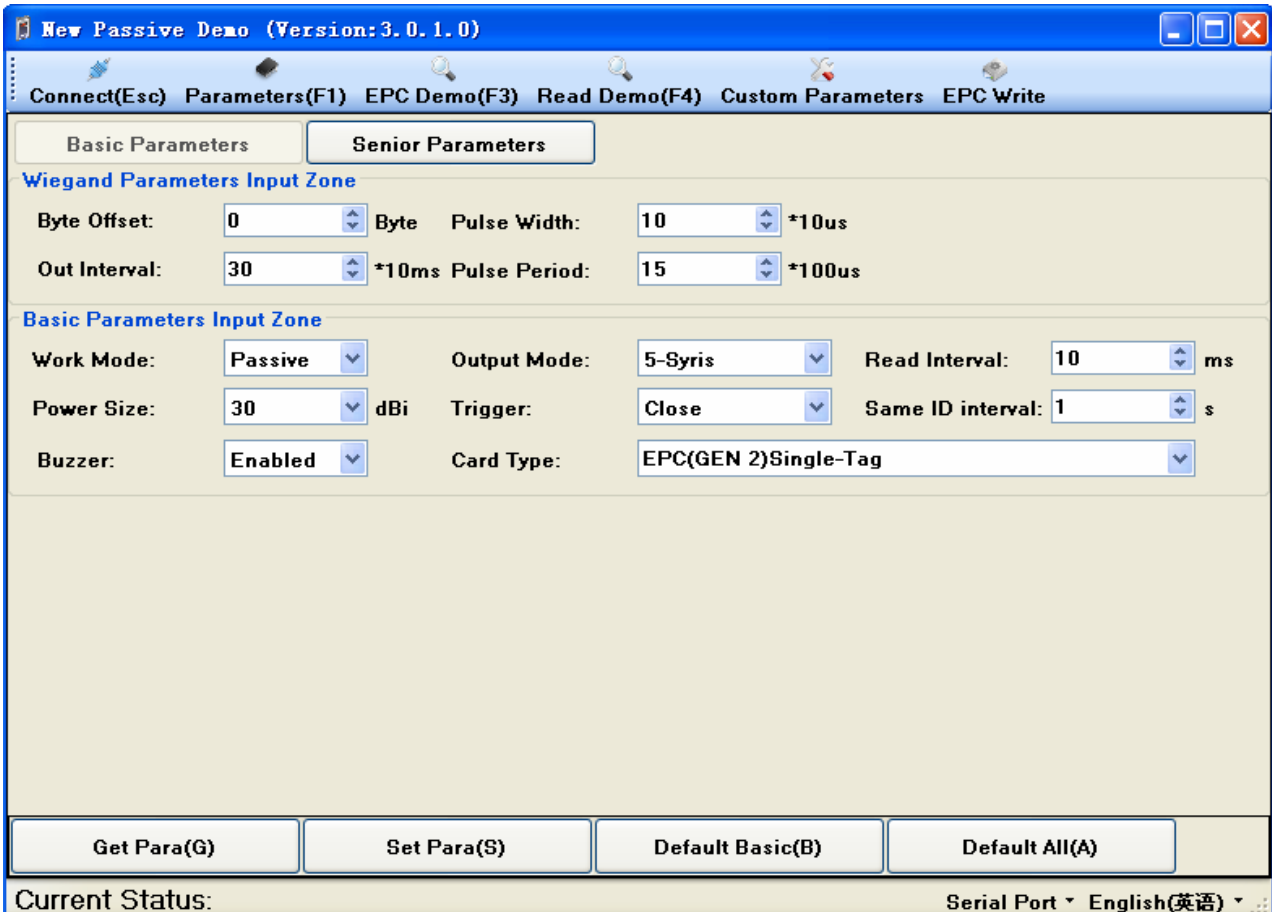
1. Connect reader to the computer with serial port (make sure the right connections, and obtain the computer serial number);
2. Open the “(New Passive Demo).exe”;



3. Choice the right serial port, choice 9600 baud rate, and then press the “Connect” button;



4. Press “Parameters”;



5. Press “Default All” button, and select “Passive” from the “Work Mode” and select “1-RS232” from the “Output Mode”;

Basic Parameters Input Zone			
Work Mode:	Passive	Output Mode:	1-RS232
Power Size:	30 dBi	Trigger:	Close
Buzzer:	Enabled	Read Interval:	10 ms
		Same ID interval:	1 s
		Card Type:	EPC(GEN 2)Single-Tag

6. Press “Set Para” button;

Current Status: **Set Succeed![0]** Serial Port English(英语)

7. Press “EPC Write” button;

Parameters			
Card Type:	Wiegand34	Card Position:	0
		<input checked="" type="checkbox"/> Auto Add 1	
EPC(GEN 2)Write Card			
Current Read Num:	0		
Be Written Num:	0		
Write Type:	Decimal	Written Num:	123456
<div> <div>Read Tag(F9)</div> <div>Write Tag(F12)</div> <div>Decrease 1</div> <div>Add 1</div> </div>			

8. Select “Wiegand26” from the “Card Type”, select “0” from the “Card Position” and checked the “Auto Add 1”;

Parameters			
Card Type:	Wiegand26	Card Position:	0
		<input checked="" type="checkbox"/> Auto Add 1	

9. Input card number into textbox of “Written Num”;

EPC(GEN 2)Write Card			
Current Read Num:	0		
Be Written Num:	0		
Write Type:	Decimal	Written Num:	123456

10. Put the tag into the reader 's effective placed range, and press “Write Tag” button;

EPC(GEN 2)Write Card			
Current Read Num:	123456	Comparison Succeed!	
Be Written Num:	123456	Write Succeed!	
Write Type:	Decimal	Written Num:	123457

Write Succeed Status

User Manual

EPC(GEN 2)Write Card			
Current Read Num:	<input type="text" value="123456"/>		Write Fail!
Be Written Num:	<input type="text"/>		
Write Type:	<input type="button" value="Decimal"/>	Written Num: <input type="text" value="123456"/>	

Write fail Status

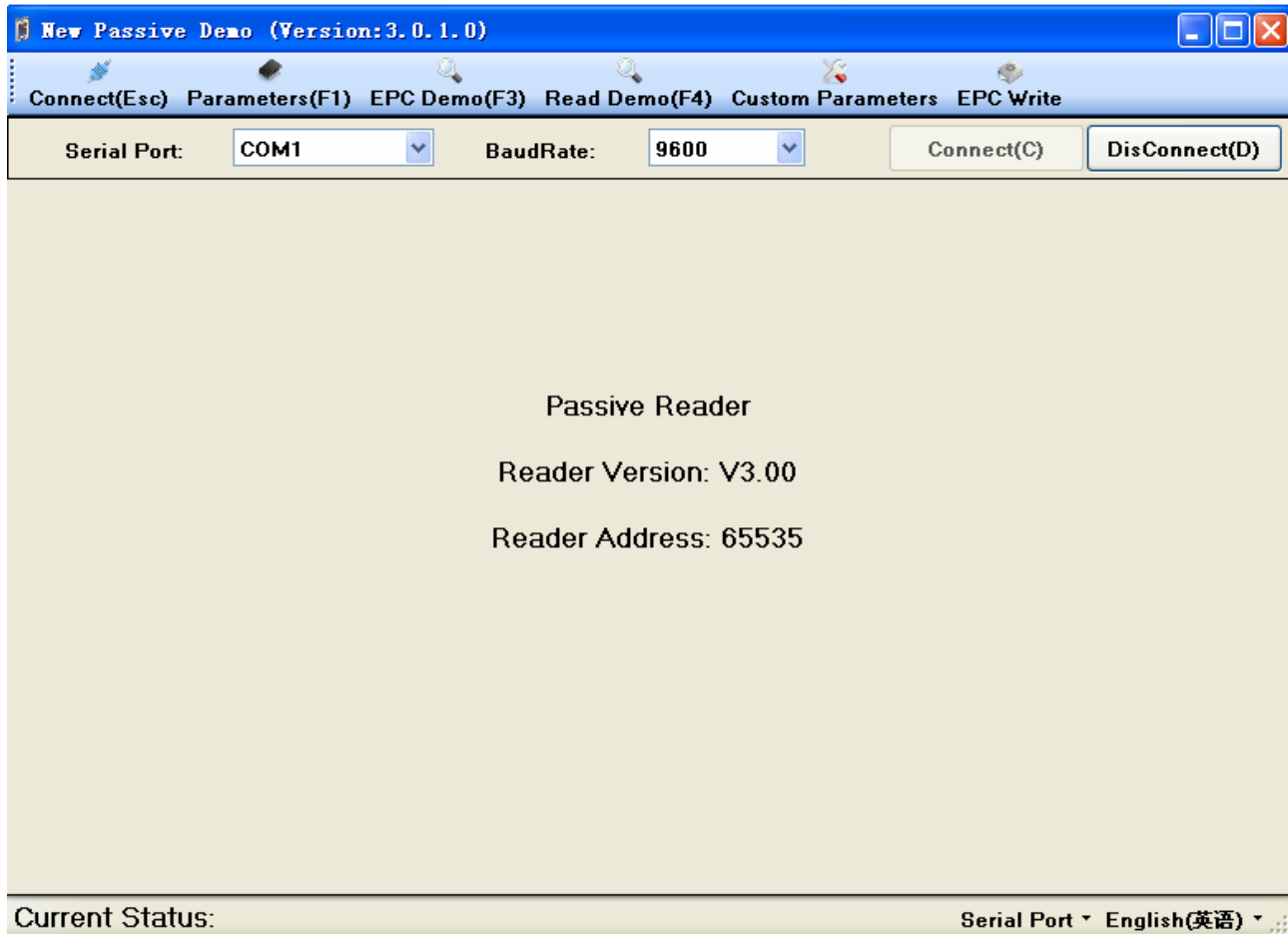
EPC(GEN 2)Write Card			
Current Read Num:	<input type="text"/>		Read Fail!
Be Written Num:	<input type="text" value="123456"/>		Write Succeed!
Write Type:	<input type="button" value="Decimal"/>	Written Num: <input type="text" value="123457"/>	

Abnormal Status

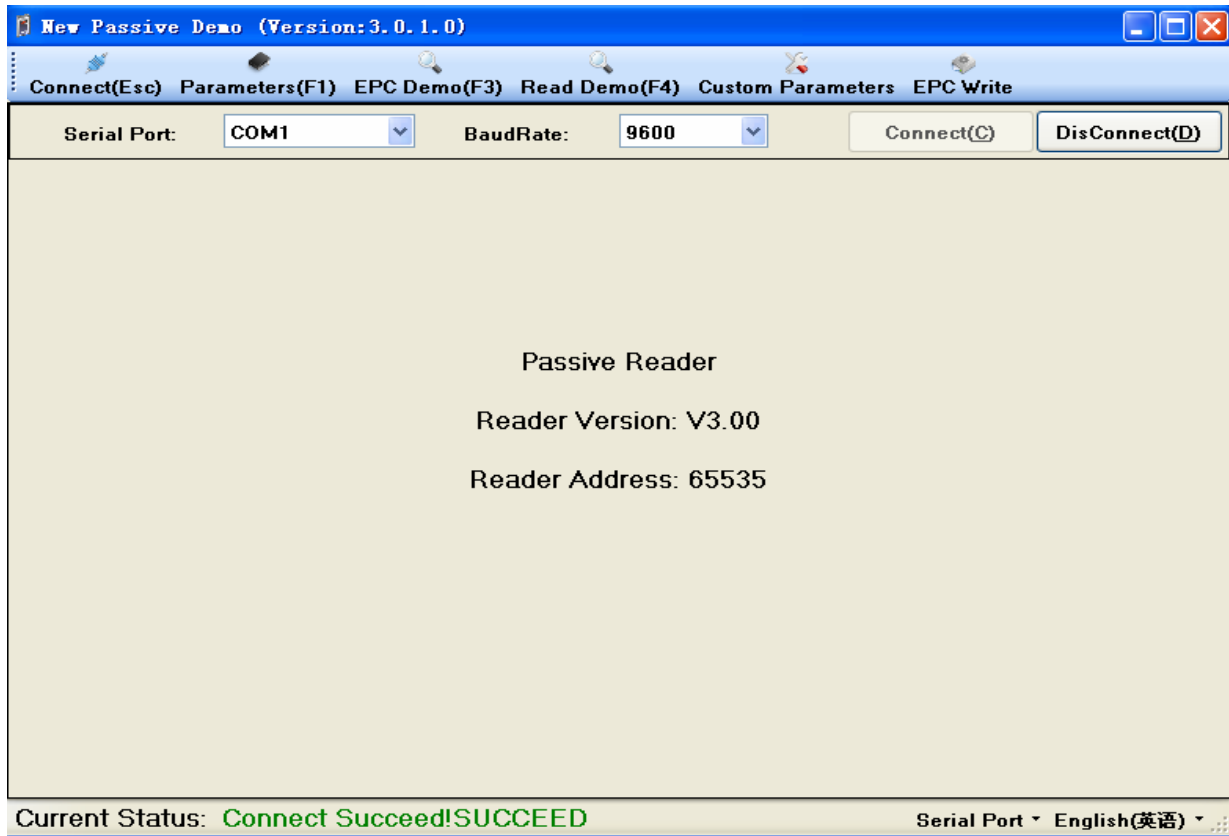
11. Try to write card number again without succeed;

Wiegand34 Write Card (4 Byte Card)

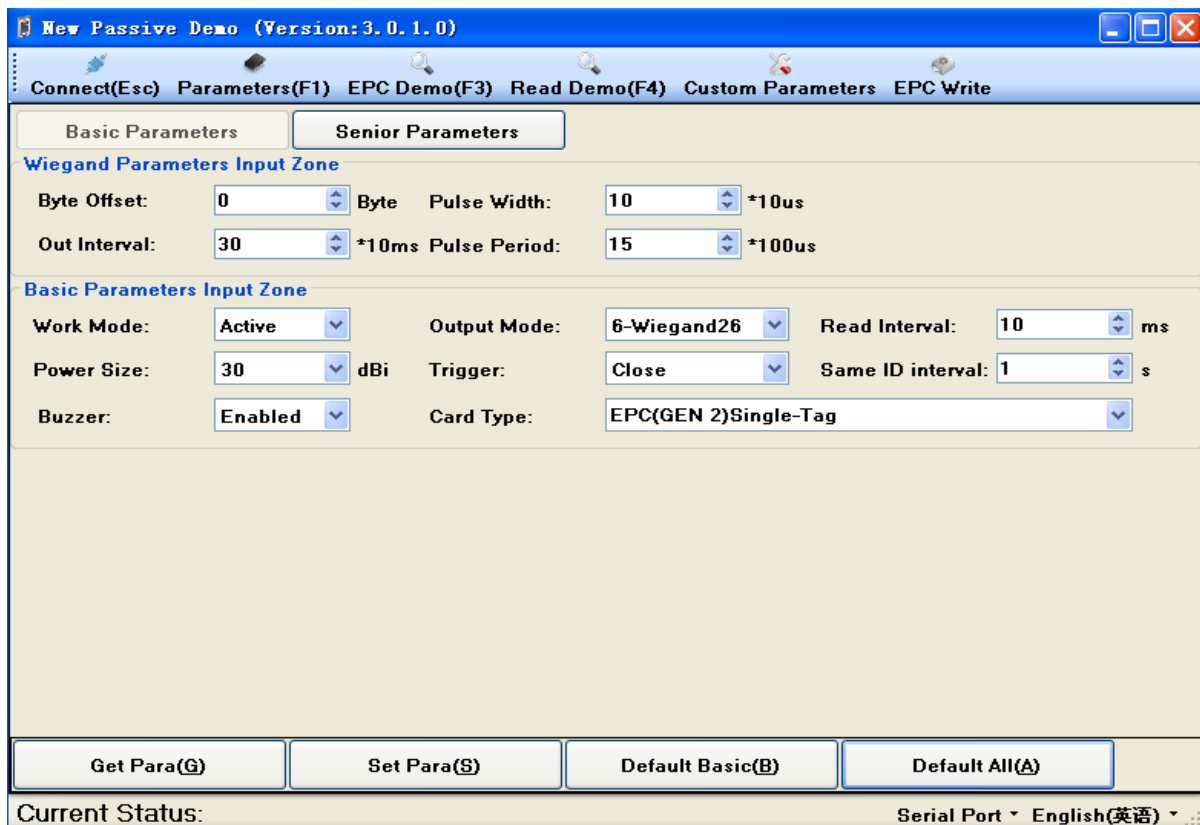
1. Connect reader to the computer with serial port (make sure the right connections, and obtain the computer serial number);
2. Open the “ (New Passive Demo).exe”;



3. Choice the right serial port, choice 9600 baud rate, and then press the “Connect” button;



4. Press “Parameters”;



5. Press “Default All” button, and select “Passive” from the “Work Mode” and select “1-RS232” from the “Output Mode”;

Basic Parameters Input Zone

Work Mode:	Passive	Output Mode:	1-RS232	Read Interval:	10	ms
Power Size:	30	Trigger:	Close	Same ID interval:	1	s
Buzzer:	Enabled	Card Type:	EPC(GEN 2)Single-Tag			

6. Press “Set Para” button;

Current Status: **Set Succeed!SUCCEED**

Serial Port ▾ English(英语) ▾

7. Press “EPC Write” button;

New Passive Demo (Version:3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

Parameters

Card Type: Wiegand34 Card Position: 0 ☒ Auto Add 1

EPC(GEN 2)Write Card

Current Read Num: 0

Be Written Num: 0

Write Type: Decimal Written Num: 123456

Read Tag(F9) Write Tag(F12) Decrease 1 Add 1

Current Status: Serial Port ▾ English(英语) ▾

8. Select “Wiegand34” from the “Card Type”, select “0” from the “Card Position” and checked the “Auto Add 1”;

Parameters

Card Type: Wiegand34 Card Position: 0 ☒ Auto Add 1

9. Input card number into textbox of "Written Num";

EPC(GEN 2)Write Card

Current Read Num:	<input type="text" value="0"/>
Be Written Num:	<input type="text" value="0"/>
Write Type:	<input type="text" value="Decimal"/> <input type="button" value="v"/>
Written Num:	<input type="text" value="123456"/>

10. Put the tag into the reader 's effective placed range, and press "Write Tag" button;

EPC(GEN 2)Write Card

Current Read Num:	<input type="text" value="123456"/>	Comparison Succeed!
Be Written Num:	<input type="text" value="123456"/>	Write Succeed!
Write Type:	<input type="text" value="Decimal"/> <input type="button" value="v"/>	
Written Num:	<input type="text" value="123457"/>	

Write Succeed Status

EPC(GEN 2)Write Card

Current Read Num:	<input type="text" value="123456"/>	
Be Written Num:	<input type="text" value=""/>	Write Fail!
Write Type:	<input type="text" value="Decimal"/> <input type="button" value="v"/>	
Written Num:	<input type="text" value="123456"/>	

Write fail Status

EPC(GEN 2)Write Card

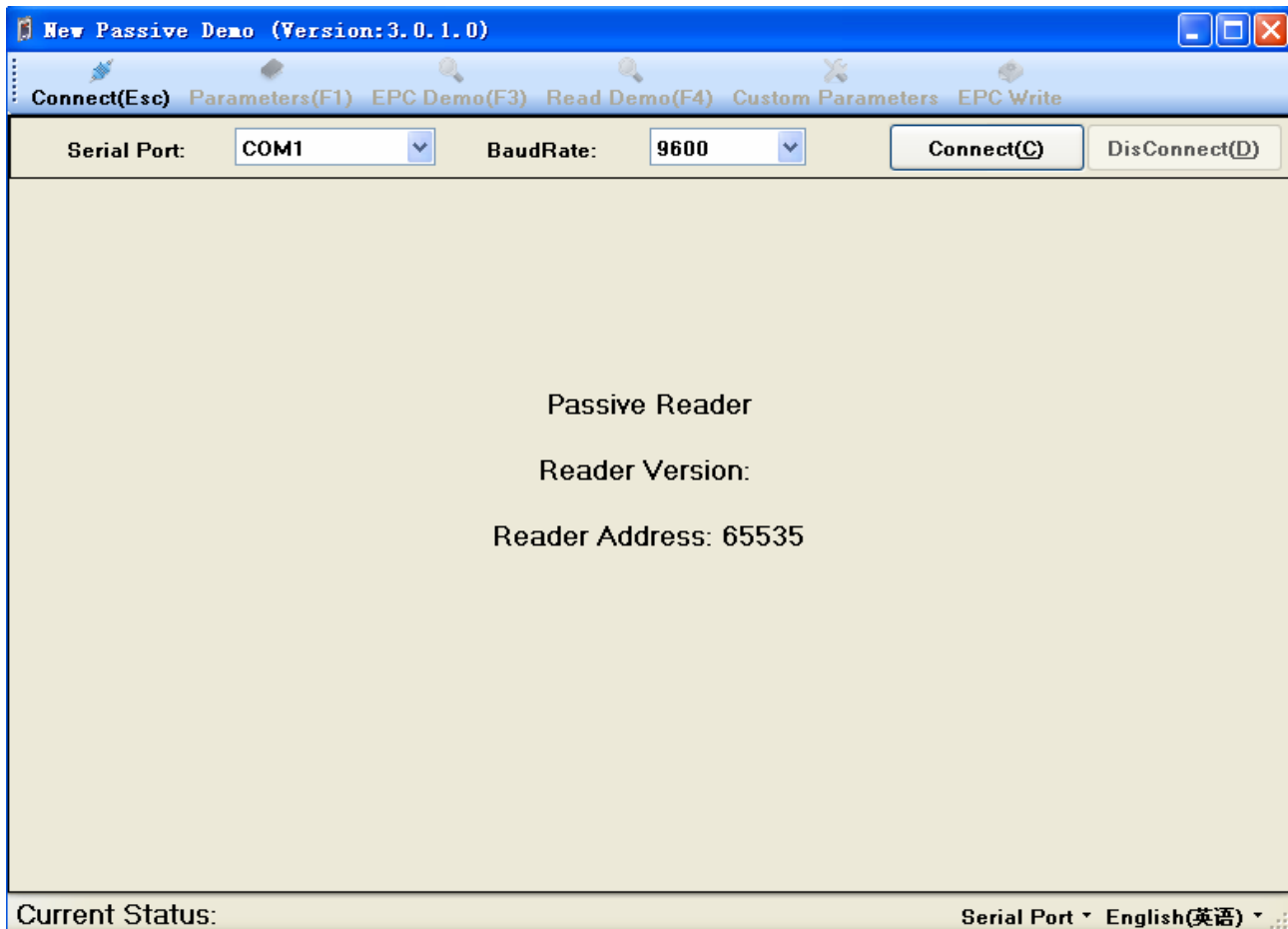
Current Read Num:	<input type="text" value=""/>	Read Fail!
Be Written Num:	<input type="text" value="123456"/>	Write Succeed!
Write Type:	<input type="text" value="Decimal"/> <input type="button" value="v"/>	
Written Num:	<input type="text" value="123456"/>	

Abnormal Status

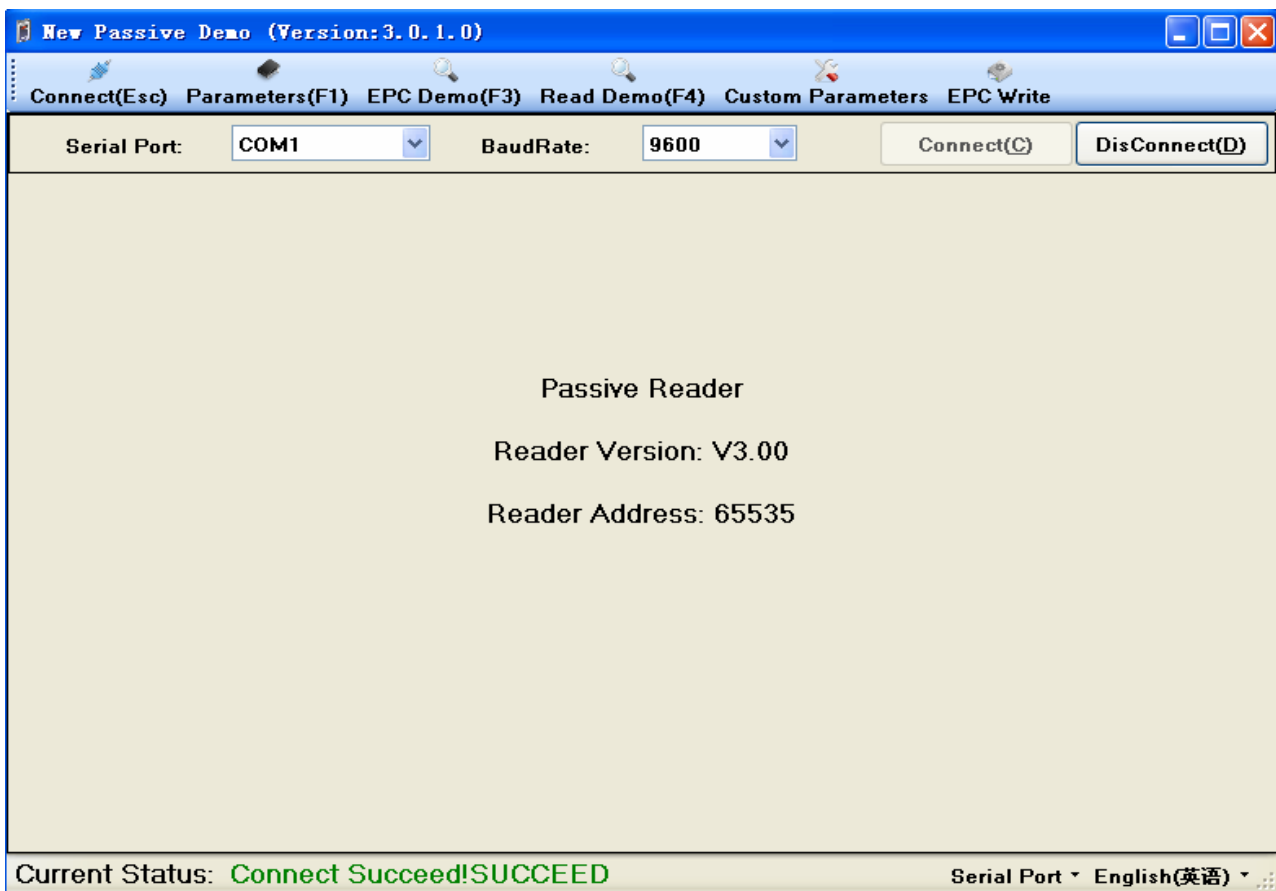
11. Try to write card number again without succeed;

Tables B. Online TCPIP Address Configuration

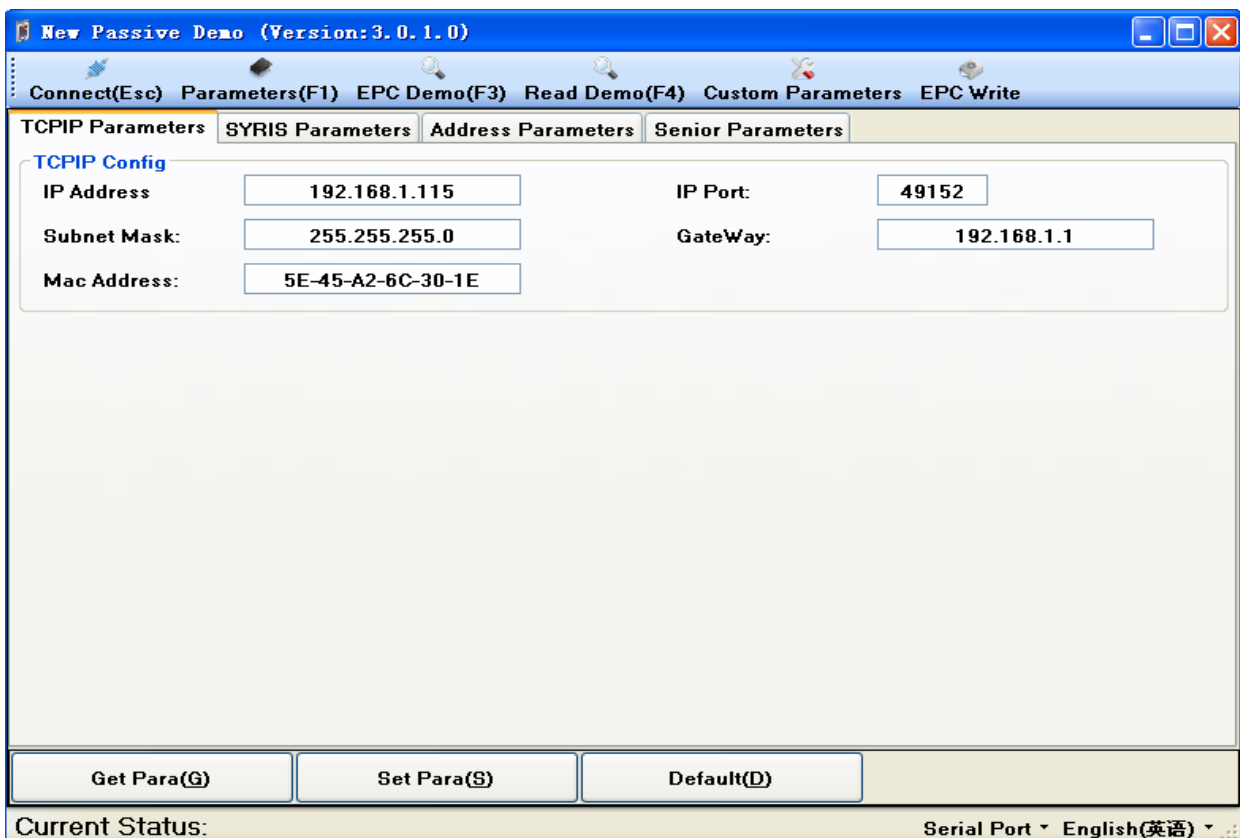
1. Connect reader to the computer with serial port (make sure the right connections, and obtain the computer serial number);
2. Open the “New Passive Demo.exe”;



3. Choose the right serial port, choice 9600 baud rate, and then press the “Connect” button;



4. Press “Custom Parameters”;



5. Choice the TCPIP Parameters interface; and edit the parameters;

TCPIP Config			
IP Address	192.168.1.115	IP Port:	49152
Subnet Mask:	255.255.255.0	GateWay:	192.168.1.1
Mac Address:	5E-45-A2-6C-30-1E		

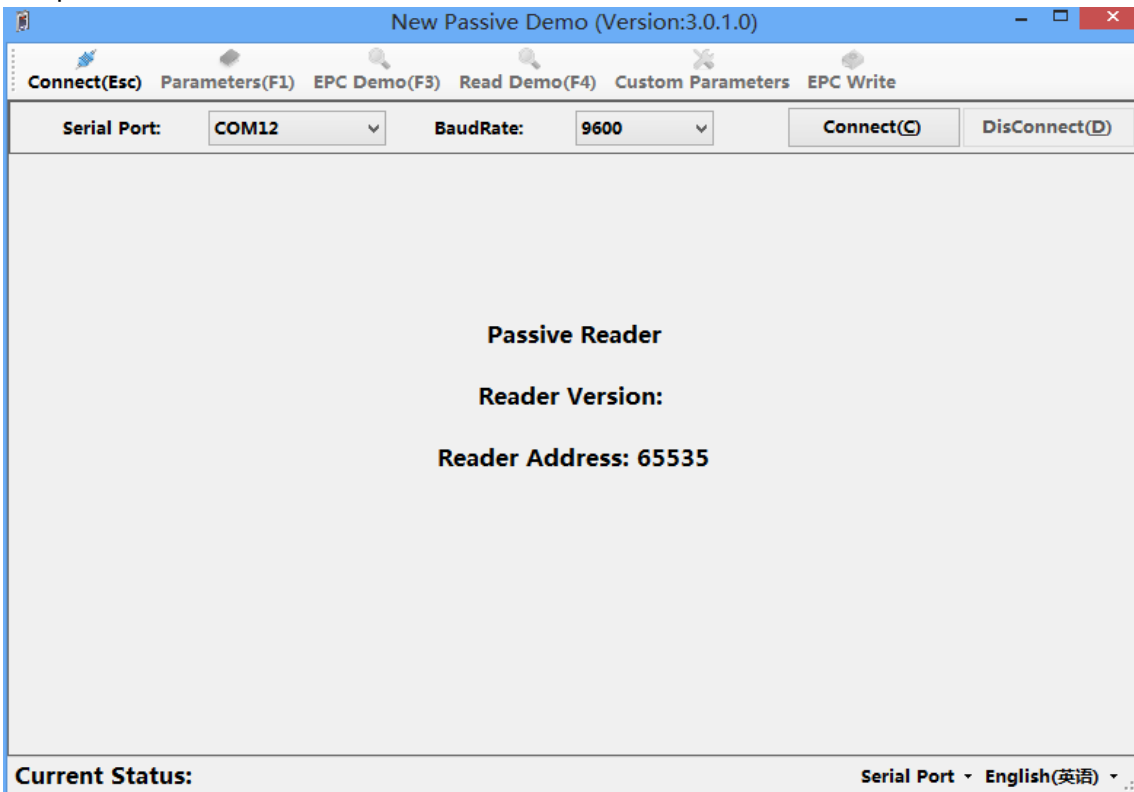
6. Press "**Set Para(S)**";
7. if the current status show green than said set success, else said set fail;

Current Status: Set Tcpip Succeed![0] Serial Port ▾ English(英语) ▾

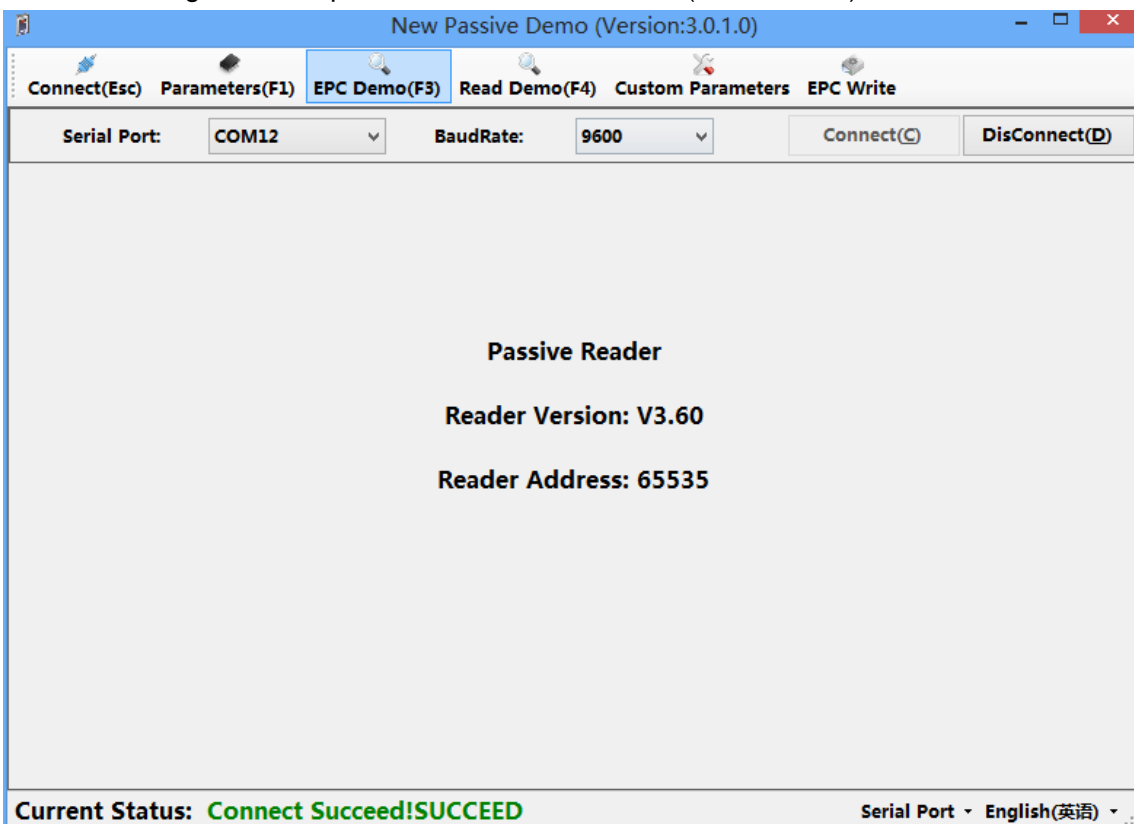
8. try again if set fail;

Tables C Process of Wigand Configuration

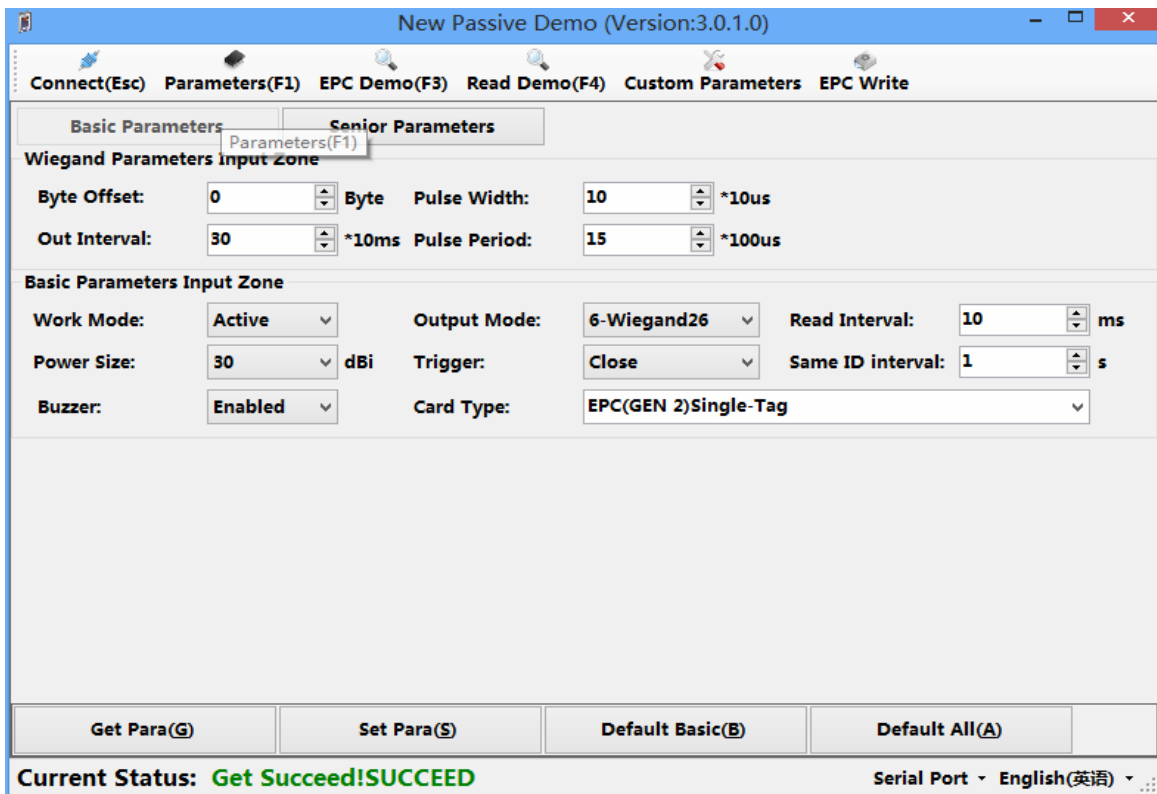
1. Open the New Passive Demo.exe"as follows:



2. Choice the right serial port, and 9600 baud rate(default:9600)Press the “Connect” button as follows

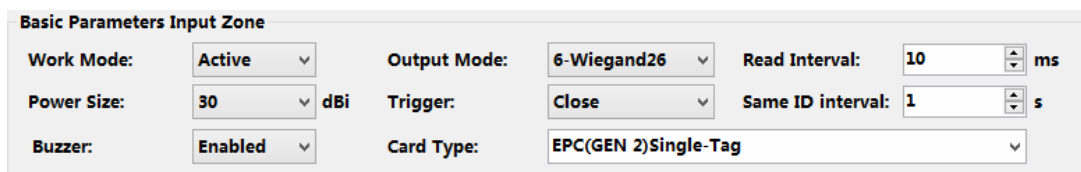


3. Press “Custom Parameters” as follows

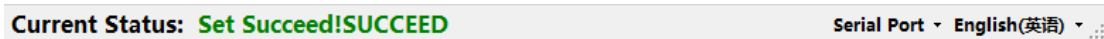


4. press **Default All(A)**;

5. Change “Output mode” to “6-Wiegand26” or “7-Wiegand34”; as follows:



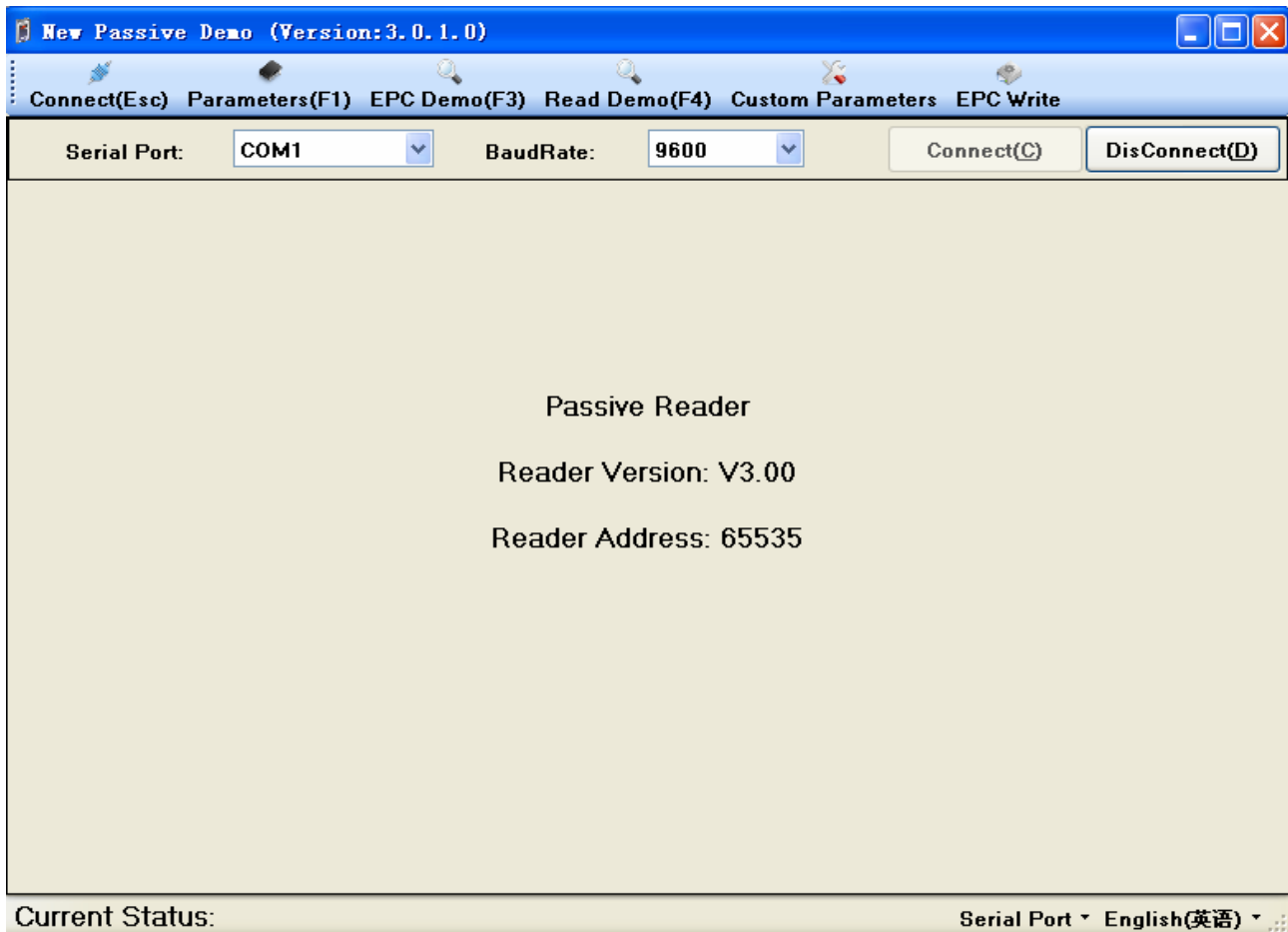
6. Press **Set Para(S)**, show green than said set success, else said set fail;



7. Try again if set fail;

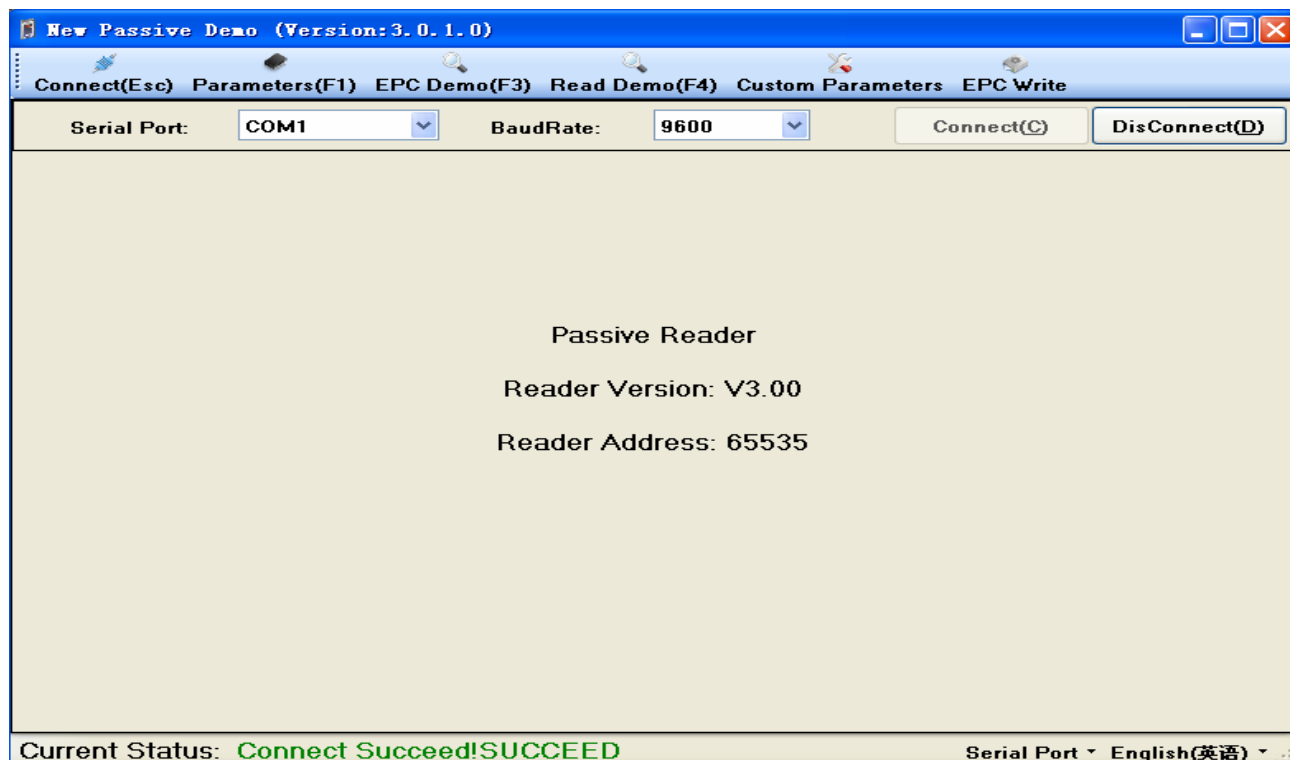
Tables D Process of SYRIS Configuration

1.Open"New passive Demo"as follows:



2.Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button

3.Press"Connect",green Status stand RS232 connect succeed as follows:



4. Press "Basic Parameter" as follows

New Passive Demo (Version: 3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

Basic Parameters **Senior Parameters**

Wiegand Parameters Input Zone

Byte Offset: 0 Byte Pulse Width: 10 *10us

Out Interval: 30 *10ms Pulse Period: 15 *100us

Basic Parameters Input Zone

Work Mode: Passive Output Mode: 1-RS232 Read Interval: 10 ms

Power Size: 30 dBi Trigger: Close Same ID interval: 1 s

Buzzer: Enabled Card Type: ISO18000-6B

Get Para(G) Set Para(S) Default Basic(B) Default All(A)

Current Status: Serial Port English(英语)

Default All(A)

5. Press

6. Set work mode as "5-Syris" as follows:

New Passive Demo (Version: 3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

Basic Parameters **Senior Parameters**

Wiegand Parameters Input Zone

Byte Offset: 0 Byte Pulse Width: 10 *10us

Out Interval: 30 *10ms Pulse Period: 15 *100us

Basic Parameters Input Zone

Work Mode: Passive Output Mode: 5-Syris Read Interval: 10 ms

Power Size: 30 dBi Trigger: Close Same ID interval: 1 s

Buzzer: Enabled Card Type: ISO18000-6B

Get Para(G) Set Para(S) Default Basic(B) Default All(A)

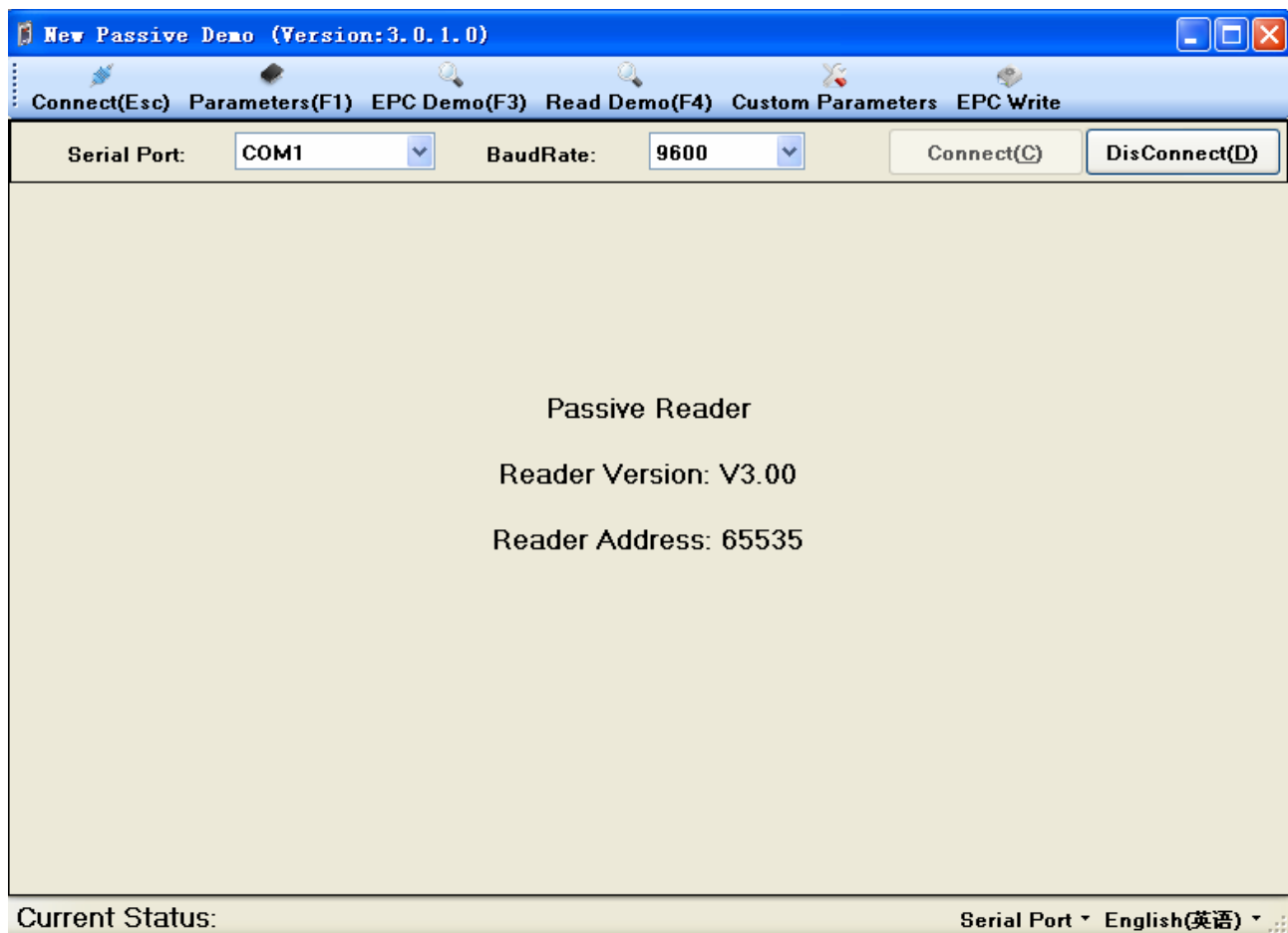
Current Status: Serial Port English(英语)

7. Press "Set para" green Status stand set succeed

8. Try again if "set failure"

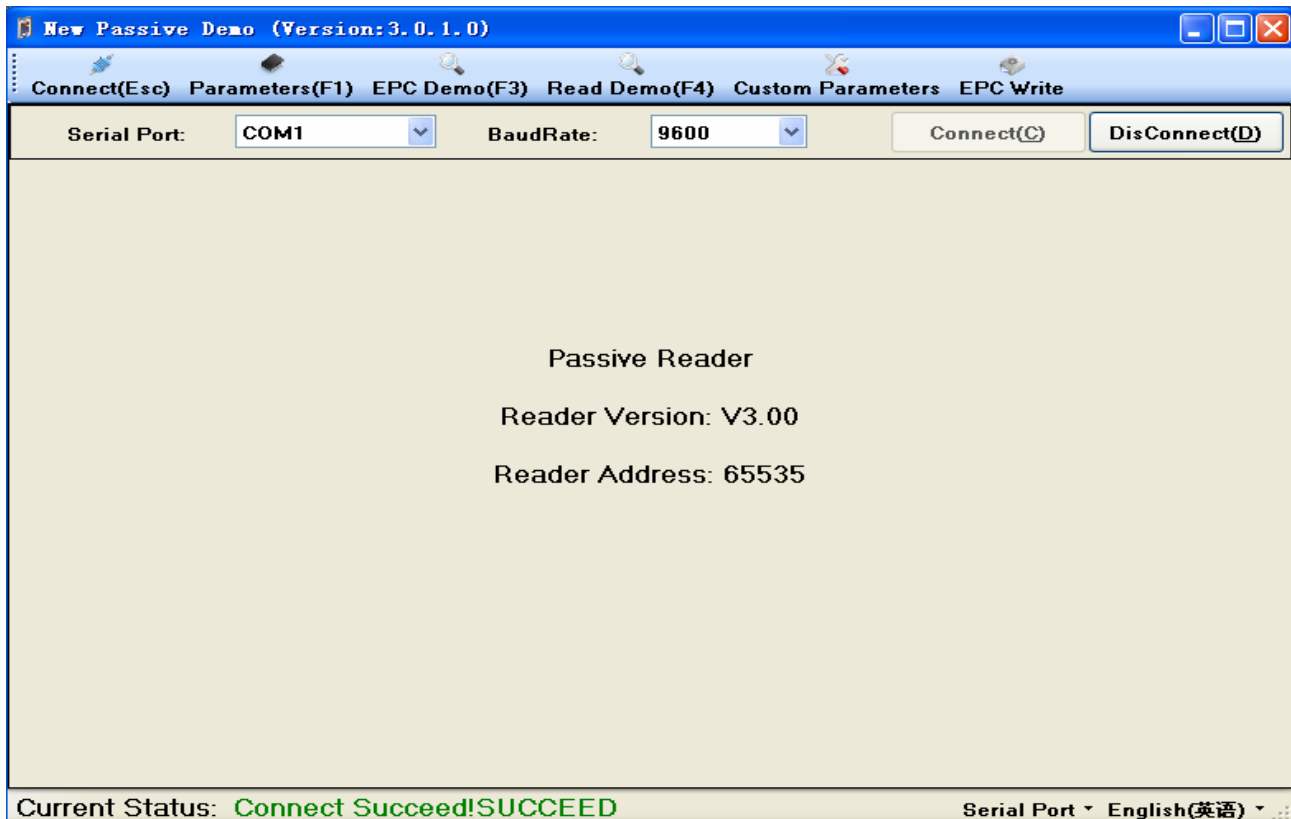
Tables E Process of TCP/IP Configuration

1. Open "New passive Demo" as follows:

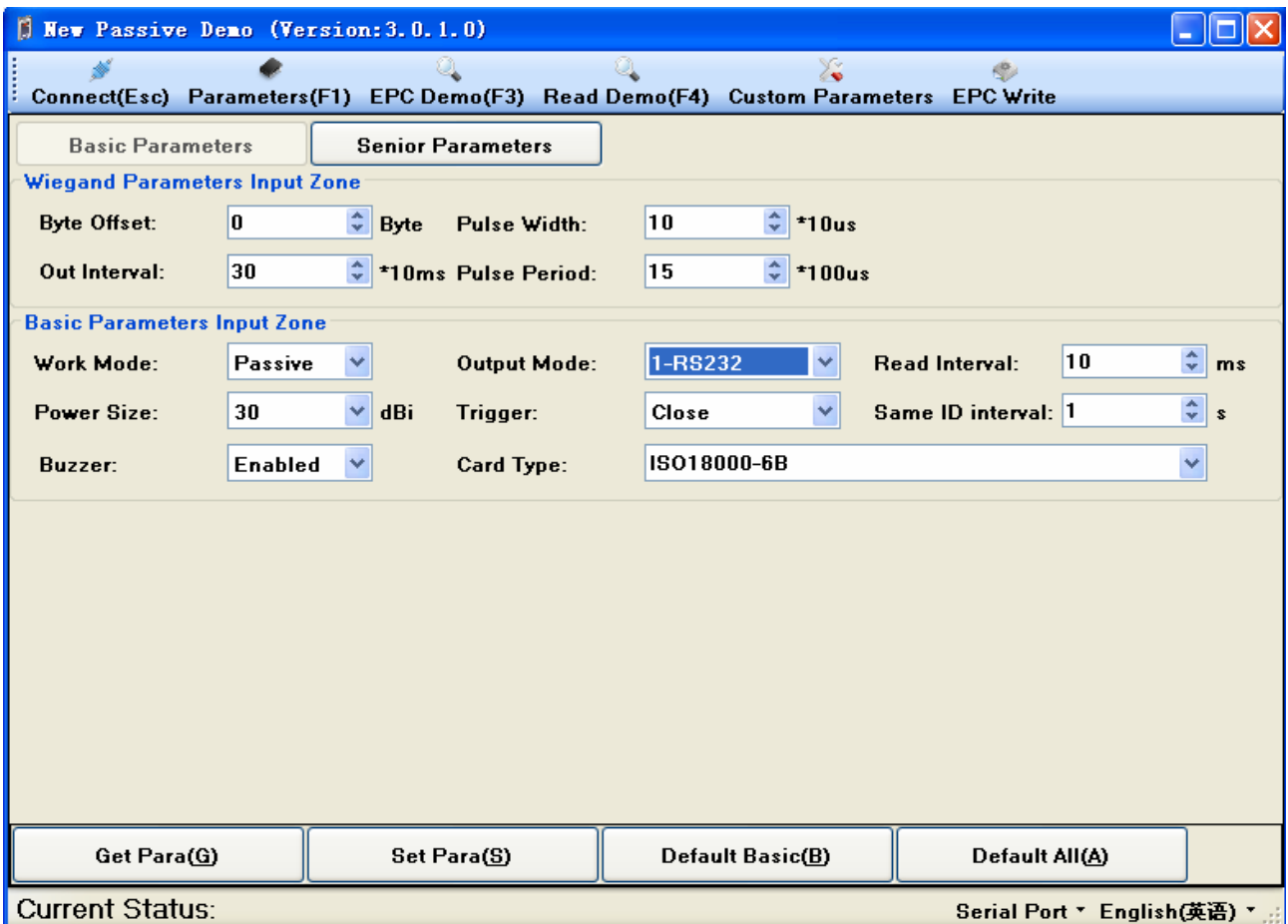


2. Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button

3. Press "Connect", green Status stand RS232 connect succeed as follows:



4. Press "Basic Parameter" as follows



Default All(A)

5.Press

6.Set work mode as"3-TCP/IP"as follows:

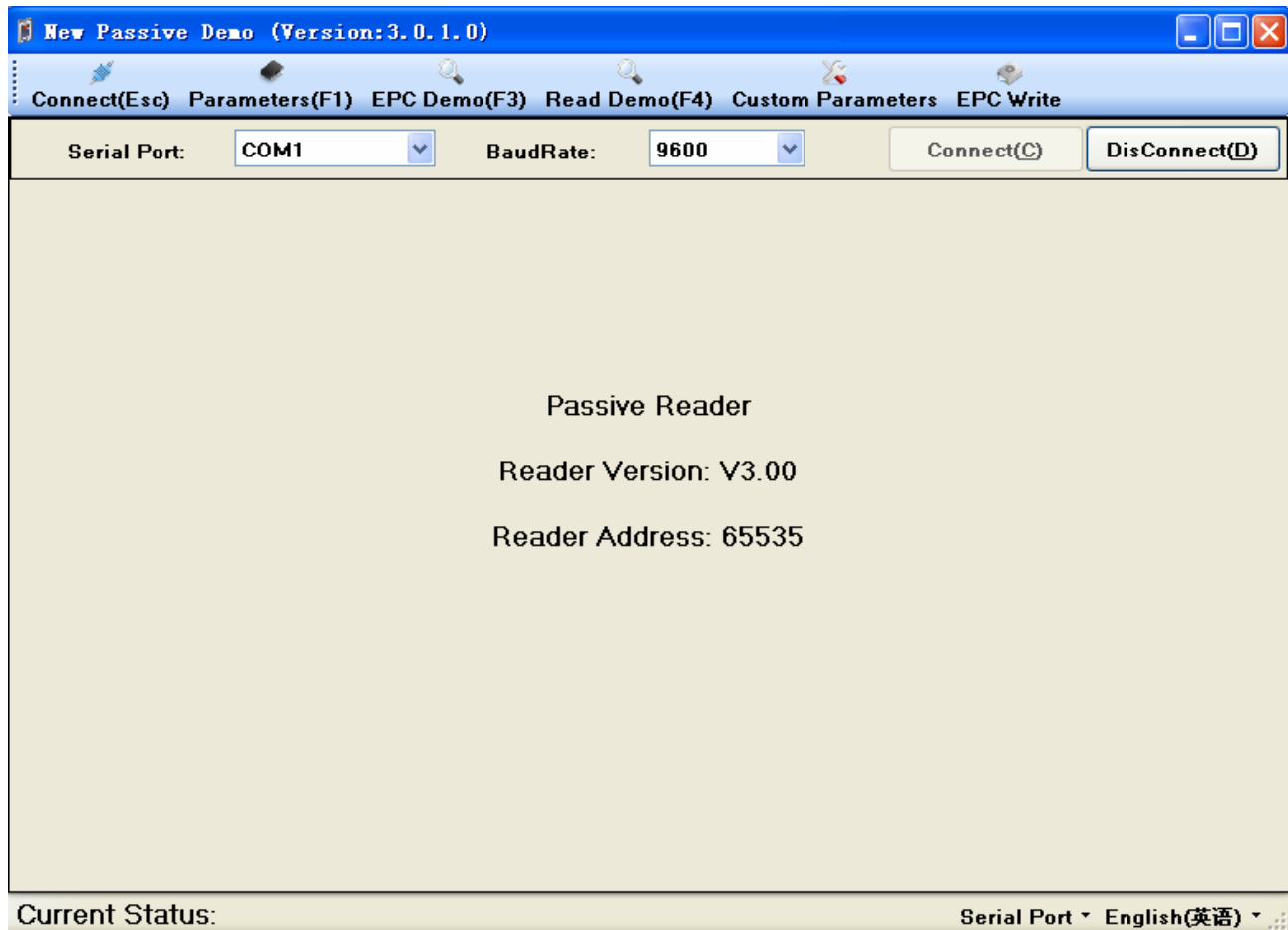
Basic Parameters		Senior Parameters	
Wiegand Parameters Input Zone			
Byte Offset:	0	Byte	Pulse Width: 10 *10us
Out Interval:	30	*10ms	Pulse Period: 15 *100us
Basic Parameters Input Zone			
Work Mode:	Passive	Output Mode:	3-TCP/IP
Power Size:	30	dB	Read Interval: 10 ms
Buzzer:	Enabled	Trigger:	Close
		Card Type:	ISO18000-6B
Get Para(G)		Set Para(S)	
Default Basic(B)		Default All(A)	
Current Status:		Serial Port English(英语)	

7.Press"Set para" green Status stand set succee

8.Try again if "set failure"

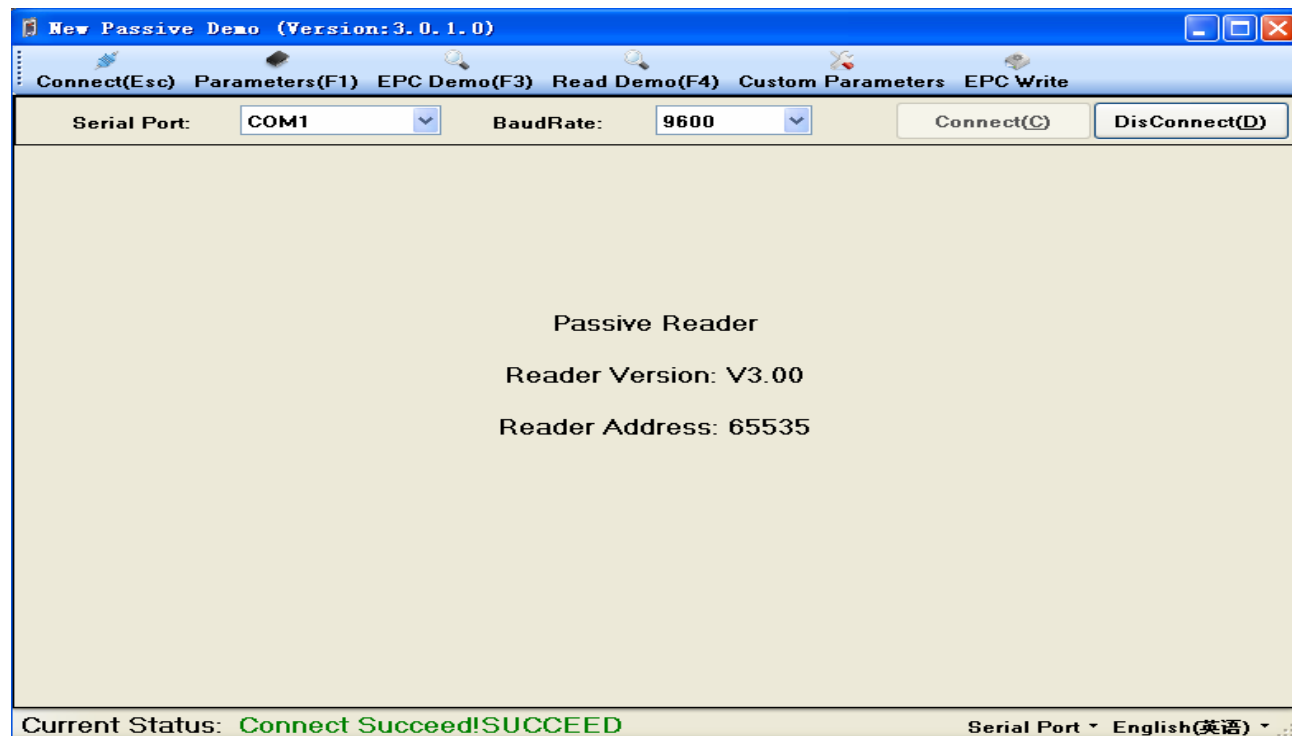
Tables F Process of Read Crad

Open "New passive Demo" as follows:



2.Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button

3.Press "Connect",green Status stand RS232 connect succeed as follows:



4. Press "Basic Parameter" as follows

New Passive Demo (Version: 3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

Basic Parameters **Senior Parameters**

Wiegand Parameters Input Zone

Byte Offset: 0 Byte Pulse Width: 10 *10us

Out Interval: 30 *10ms Pulse Period: 15 *100us

Basic Parameters Input Zone

Work Mode: Passive Output Mode: 1-RS232 Read Interval: 10 ms

Power Size: 30 dBi Trigger: Close Same ID interval: 1 s

Buzzer: Enabled Card Type: ISO18000-6B

Get Para(G) Set Para(S) Default Basic(B) Default All(A)

Current Status: Serial Port English(英语)

5. Press

Default All(A)

6. Set work mode as "1-RS232" as follows:

New Passive Demo (Version: 3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

Basic Parameters **Senior Parameters**

Wiegand Parameters Input Zone

Byte Offset: 0 Byte Pulse Width: 10 *10us

Out Interval: 30 *10ms Pulse Period: 15 *100us

Basic Parameters Input Zone

Work Mode: Passive Output Mode: 1-RS232 Read Interval: 10 ms

Power Size: 30 dBi Trigger: Close Same ID interval: 1 s

Buzzer: Enabled Card Type: ISO18000-6B

Get Para(G) Set Para(S) Default Basic(B) Default All(A)

Current Status: Serial Port English(英语)

4. Press " **Set Para(S)** " green Status stand set succeed

Current Status: **Set Succeed!SUCCEED**

5. Press **Read Demo(F4)** as follows:

New Passive Demo (Version:3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

ReadType: ☐ Single: ☒ Multiple: ☐ Distinguish antenna Single Card Sum:

No.	Ant	Hex Card Number	Time	Count

Active(A) Passive(S) Clear(C)

Current Status: Serial Port English(英语)

6. Press " **Active(A)** "

7. Move Card

New Passive Demo (Version:3.0.1.0)

Connect(Esc) Parameters(F1) EPC Demo(F3) Read Demo(F4) Custom Parameters EPC Write

ReadType: ☐ Single: ☒ Multiple: ☐ Distinguish antenna Single Card Sum:

No.	Ant	Hex Card Number	Time	Count
1	1-6C	0000020029040261170065A6	14:53:54	3

Active(A) Passive(S) Clear(C)

Current Status: Serial Port English(英语)