New UHF RFID Reader Demo User Manual

Version control						
Change Date	Version	Changes				
Change Date 2012/06/10 2015/1/29 2015-09-17	Version V1.0 V3.2 V3.3	Changes Initial version The new interface revision Add new Communications				

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1. Introduction

RFID Demo - [Ver:3.2.0.1] Menu CONNECT(C) LANGUAGE HELP(H) Serial Interface Configuration COM1 ✓ ☐ Auto Switch Serial Interface PortName BaudRate 9600 O Net Work Net Work (TCPIP) O USB Interface Remote IP 192.168.2.115 Remote Port 49152 Demonstration Time RCP Packet (HEX) Details Туре Real Info Status DISCONNECT 9600 Firmware Version Status.. COM1

This demo is used to read and write the 915MHz tags;

2. Communications

2.1. Serial Interface

- **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.** Choice the method of communication to "Serial Interface", select right port name and baud rate:

🙆 RFID Demo - [Ve	er:3.2.0.1]					×
CONNECT(C) LANG	UAGE HELP(<u>H</u>)					
Configuration	Serial Interface					
Serial Interface	PortName	COM2 ~	BaudRate	9600	✓ ☐ Auto Switch	
🔿 Net Work	-Net Work (TCPIP) -					
○ USB Interface	Remote IP	192.168.2.115	Remote Port	49152		
	choice interface		choice p	ortnum	choice baudrate	

2.1.3. Click "CONNECT", if be connected then screen is show as follow;

🙆 RFID D	emo - [Ver:3.2.	0.1]							×
DISCONNE	DISCONNECT(C) LANGUAGE RCP LOGGING(L) HELP(H)								
READ DEMO	READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE								
Div Ant	Div Ant Div Address Div Alarm 4 Byte 6 V Count Sum								
No. A	nt Address	Hex/Dec/WG Le	ength	Hex Card				Last Time	Repeat Count
0	Clear(C)	Export(E)							
		. –							
Time	Туре	RCP Packet (HEX)					Details		
09:10:13 859	CONNECT	Connect Succeed					COM2		
09:10:13 888	RCP CMD	7C FF FF 82 32 00 D2					?		
09:10:13 998	RCP RSP	CC FF FF 82 00 22 0A 20 7	7 77 77 2E 4	41 6F 73 69 64 2E 63 6F	6D 20 0A 20 5	0 56 33 2E 36	? ?" www.Aosic	l.com PV3.60No.:	
09:10:15 232	RCP CMD	7C FF FF 81 32 00 D3					?		
CONNECTE	D COM2	9600 Ty	/pe:PC - V	ersion:V3.60 - Addr	ess: 65535	Success Inform	ation Read		

2.2. Net Work

- 2.2.1. Connect reader to LAN;
- 2.2.2. Choice the method of communication to "Net Work", input reader IP Address and IP Port:

									_
🕘 RFID D	emo - [Ver:3.2	.0.1]							×
CONNECT(<u>C)</u> LANGUAGE	BROADCAST	HELP(H)						
Configuratio	n Seri	al Interface							
O Serial Int	erface Poi	rtName	COM2	 BaudRate 	9600	~ 🗆 A	uto Switch		
Net Wor	k Net	Work (TCPIP)							
O USB Inte	rface Re	mote IP	192,168,2,115	Remote Port	49152				
-									
	choice	, interface		input ip address	S	input	ip port		
Time	Туре	RCP Packet (HE	X)				Details		^
09:10:13 998	RCP RSP	CC FF FF 82 00 22	2 0A 20 77 77 77 2E 41	6F 73 69 64 2E 63 6F	6D 20 0A 20 50 56	33 2E 36	? ?" www.Aosid.com PV3.60No.:		
09:10:15 232	RCP CMD	7C FF FF 81 32 00	D3				?		
09:10:16 552	ERROR	Failure to receive	e response message						
09:10:42 693	CONNECT	DisConnect succ	eed				COM2		~
<								>	,
DISCONNECT	ED 192.168.2.	115 49152			Suc	cess Inform	ation Read		

2.2.3. Click "CONNECT", if be connected then screen is show as follow;

🙆 RFID D)emo - [Ver:3.2.(D.1]								x
DISCONNE	ECT(C) LANGUAG	E BROADCAST	RCP LOGG	ING(<u>L)</u> HELP(<u>H</u>)						
READ DEMO	BASE SETTINGS	SENIOR SETTINGS	ISO18000	-6B READ&WRITE	EPC(GEN 2) REA	D&WRITE				
Div Ant	Div Address	Div Alarm 🗌 4 Byte	6 ~					Count	Sum	
No. A	nt Address	Hex/Dec/WG	Length	Hex Card				Last Time	Repeat Cou	unt
C	Clear(<u>C</u>)	Export(<u>E</u>)								
	-						0.11			
lime	lype	RCP Packet (HEX)					Details			<u> </u>
09:15:03 947	RCP CIVID	CC FF FF 82 32 00 D2	77 77 77 2F	41 6F 73 69 64 2F 63 6	E 6D 20 0A 54 50 56	33 2F 36	2 2" www.Aosic	com TPV3 62No		
09:15:04 196	RCP CMD	7C FF FF 81 32 00 D3					?			
09:15:04 350	RCP RSP	CC FF FF 81 00 1C 1E 01	6E 54 5D 66	6E 77 82 02 0A 00 01 0	00 1E 0A 0F 01 10 01	01 02 00	? ?onT]fnw?			~
<										>
CONNECTE	ED 192.168.2.1	15 49152 1	Type:PT - \	/ersion:V3.62 - Add	ress: 65535 Suco	cess BASE P	arameters Read	1		

2.3. USB Interface

2.3.1. Choice the method of communication to "USB Interface";

A PEID Demo	[Vor:3 2 0 1]						×
CONNECT(C)	NGUAGE HELP(H)						^
Configuration	Serial Interface						
 Serial Interface 	PortName	COM2 V	BaudRate	9600	Auto Switch		
O Net Work	Net West (TCDID)						
USB Interface	Remete ID	102 169 2 115	Remete Dort	40152			
C USB Internace	Kemote IP	192.100.2.115	Kemote Port	49152			
Time Type	RFID Der Please r connecti	no - [Ver:3.2.0.1] e plug USB devices, and on!!	repeat click con	nect, until a succes	× ssful 确定 Details		~
lime lype	KCP Packet (Details		~
09:20:32 858 RCP C	7C FF FF 12 31	07 01 02 02 00 01 E2 B1 A3			1 0100		
09:20:32 8/4 RCP R	F CC FF FF 12 01	uu 25			2 DD	Mist	
09:22:47 157 ERRUP	Error commun	ication to disconnect			ADSDK.Device.AL	Net	
05.22.4/ 231 CONN	Disconnect su	icceeu			AD3DK.Device.AL	NNCL .	× *
DISCONNECTED	1158 0			Eail EDC	Write		-

2.3.2. Click "OK", and Re plug the USB, than Click "CONNECT" In 5 seconds. Until show follow form;

🖄 RFID Demo - [Ver:3.2.0.1] 🛛 🗙 🗙								
DISCONNECT(C) LANGUAGE RCP LOGGING(L) HELP(H)								
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE								
Div Ant Div Address Div Alarm 4 Byte 6	~	Count 1 Sum 1						
No. Ant Address Hex/Dec/WG	Length Hex Card	Last Time Repeat Count						
1 1 65535 [303100][3158272][04812	544] 12 01E23031303130310001E2AE	9:19:10 1						
Clear(C) Export(E)								
Time Type RCP Packet (HEX)		Details						
09:27:41 483 RCP CMD 7C FF FF 81 32 00 D3		?						
09:27:41 587 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54	5D 66 6F 78 82 02 0A 00 06 00 1E 0A 0F 01 10 01 01 02 00	? ?unT]fox?						
09:27:41 673 RCP CMD 7C FF FF 31 32 00 23		12						
09:27:41 680 RCP RSP CC FF FF 31 00 03 01 0A 01 F6		? 1						
<		>						
CONNECTED USB V1.11 Type:	PC - Version:V3.00 - Address: 65535 Success Output	ut Type Read						

3. Parameters

The software must connect the reader then it can be set parameters, choice the "BASE SETTINGS" Table;

🐵 RFID Demo (Version:3.2.0.0) - English - SERIAL 🛛 🗙 🗙					
DISCONNECT SETTING	S RCP LOGGING LANGUAGE	吾言) <u>H</u> ELP			
READ DEMO BASE SET	INGS SENIOR SETTINGS ISO1	L8000-6B READ&WRITE EPG	C(GEN 2) READ&WRITE		
Wiegand Parameters Inpu	it Zone				
Byte Offset: 0 🚔	Byte Pulse Width: 10 🚔 *10u:	s Out Interval: 30 🊔 *10	Ims Pulse Period: 15 🔺 *100us		
Basic Parameters Input Zo	one				
Work Mode: Pas	sive 🔻 Output Mode:	3-TCPIP • Rea	d Interval: 10 ms		
Power Size: 30	✓ dBi Trigger:	Close Sam	e ID interval: 1 s		
Buzzer: Ena	bled Card Type:	EPC(GEN 2)Single-Tag			
Senior Parameters Input 2	(one				
Antenna: 🛛 🗹 A	NT1 ANT2 ANT3 A	NI 4			
Freq Parameters Input Zo	ne				
Hopping Enabled: Ena	bled 🔻 China Ameri	ca Europe Hopping	Value: 902.0 - 925.0 - MHz		
Get Para(G)	Set Para(S)	Default All(A)			
Time Type	RCP Packet (HEX)		Details	^	
10:09:53 660 RCP RSP	CC FF FF 82 00 22 0A 20 77 77 77 2E	41 6F 73 69 64 2E 63 6F 6D 20 0A	20 50 56 33 2E 30 30 4E		
10:09:53 926 RCP CMD	7C FF FF 81 32 00 D3				
10:09:54 078 RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66	6F 78 82 03 0A 00 03 00 1E 0A 0F	01 10 01 01 02 00 02 00 nT]fox		
10:09:54 106 RCP CMD	7C FF FF B9 22 00 AB				
10:09:54 188 RCP RSP	CC FF FF B9 00 1C C0 A8 02 89 FF FF	FF 00 C0 A8 02 01 00 C0 5E 45 A2	6C 31 37 C0 A8 01 64 0 ^E l17 d	-	
•				•	
CONNECTED COM	/1 9600 Type:P - V	ersion:V3.00 - Address: 65535	Success TCPIP Parameters Read		

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

3.1. Base Settings

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-TCPIP • Rea	d Interval: 10 🚔	ms		
Power Size: 30	 dBi Trigger: 	Close Sam	ne ID interval: 1 🚔	s		
Buzzer: Enable	d	EPC(GEN 2)Single-Tag				
Senior Parameters Input Zon	e					
Antenna: 🛛 ANT	1 🔲 ANT 2 📄 ANT 3 📄	ANT 4				
Freq Parameters Input Zone						
Hopping Enabled: Enable	d 🔻 China Ame	rica Europe Hopping	Value: 902.0 - 925.0 -	MHz		
Get Para(<u>G</u>)	Set Para(<u>S</u>)	Default All(<u>A</u>)				

3.1.1. Parameter specifies

3.1.1.1. Wiegand Parameters Input Zone

Wiegand Parameters is associated with the wiegand interface of controller, just when the output mode of reader is choice Wiegand26 or Wiegand34 then it can be effective.

Byte Offset: The EPC tag have 12 byte data, default output first 3 or 4 byte data, If you set a byte offset value, the output data will start from the set value;

Out Interval: invalid;

Pulse Width: be associated with the wiegand interface of controller;

Pulse Period: be associated with the wiegand interface of controller;

3.1.1.2. Basic Parameters Input Zone

Work Mode: Include Command, Active and Passive;

- 1. **Command**: Reader do not work, when PC send command to Reader then it work once, and response PC;
- 2. Active: Reader work, and if read the tag then auto send data to PC;
- 3. **Passive**: Reader work, do not auto send data to PC, when PC send command to reader then it send last data to PC;

Output Mode: Include RS232(USB)、RS485(WIFI)、TCPIP、CANBUS、Syris、Wiegand26 and Wiegand34;

- 1. **RS232(USB):** Serial Interface, main to connect PC, one serial interface just can be connect one reader;
- 2. **RS485(WIFI):** Serial Interface, main to connect PC, one serial interface just can be connect MULT reader(MAX 32);
- 3. TCPIP: Net Work, Through LAN or WAN for communication with PC;
- 4. CANBUS: Controller Area Net-work Bus;
- 5. Syris: Taiwan Syris controller protocol;
- 6. Wiegand26: Wiegand controller protocol;
- 7. Wiegand34: Wiegand controller protocol;

Data:	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: the frequency of reader read tag;

Note: Usually more than 10 ms, too small will shorten the service life of the reader.

Power Size: Set the transmit power size, the maximum value of 30;

Trigger: Include Close and Low Trigger

- 1. Close: Close trigger to read tag;
- 2. Low Trigger: Trigger level lead connected to the low level effective;

Same id Interval: The same tag data is transmitted only once in the set time;

Buzzer: enabled the buzzer;

Read Type: type of tag can be read;

- 1. ISO18000-6B: just read the ISO18000-6B protocol tag;
- 2. EPC (GEN 2) Single Tag: just read the EPC(GEN 2) protocol tag at a time;
- ISO18000-6B + EPC (GEN 2): read the EPC(GEN 2) protocol tag and ISO18000-6B protocol tag;
- 4. EPC (GEN 2) Multi Tag: just read the EPC(GEN 2) protocol tag;
- EPC (GEN 2) Multi Data: just read the EPC(GEN 2) protocol tag, In addition to read default EPC District 12 byte of data can be read in other areas outside the data (select the category, can be in the advanced parameters set to read other areas of the location of the data length, a maximum of 12 bytes);

3.1.1.3. Senior Parameter Input Zone

Antenna: Aiming at the multi channel card reader application parameters (split card reader), the integration of the default 1card reader antenna;

Max Tags: when switch the read type to "EPC (GEN 2) Multi-Tag", limit max tag count once read;

Other Memory: when switch the read type to "EPC (GEN 2) Multi-*Data*", EPC data + Memory bank data;

Start Address: when switch the read type to "EPC (GEN 2) Multi-*Data*", Memory bank data start address;

Length: when switch the read type to "EPC (GEN 2) Multi-Data", Memory bank data length;

3.1.1.4. Freq Parameter Input Zone

Hopping Enabled: Enabled hopping; usually choice enabled;

3.2. Senior Settings

TCPIP Config									
IP Address	192.168.2.1	.37	IP Port:			49152		Get Par	ra(<u>G</u>)
Subnet Mask:	255.255.25	5.0	GateWa	y:		192.168.2.1		Set Par	ra(<u>S</u>)
Mac Address:	5E-45-A2-6C-	31-37	Network	Mode	Server		•	Defau	t(<u>D</u>)
Server IP	192.168.1.1	100	Server P	ort		49153			
Address Config									
Old Address:	65535		New Ad	dress:		65535		Set Add	dress
SYRIS Config									
Syris SN:	0000000	1	Syris ID:		1		•	Set Sy	/ris
Time Config									
Now Time:	2015/1/29 11:	:54:48	Reader	Time:				Get	Set
Soft Config									
IO1 Open	IO1 Close	IO2 (Open	IO2 Clo	se	SoftReset			

3.2.1. Parameter specifies

3.2.1.1. TCPIP Config

IP Address: Local IP address; IP Port: Local IP port; Subnet Mask: Local subnet mask; Gateway: Local gateway; Mac Address: Local Mac address; Network Mode: choice the reader run mode, include server and client; Server IP: remote IP; Server Port: remote port;

3.2.1.2. Address Config

Protocol address of reader, can be set;

3.2.1.3. SYRIS Config

Can be set the reader Syris No., this No. can be used when the output mode is "5-Syris";

3.2.1.4. Time Config

Custom version reader can be used;

3.2.1.5. Soft Config

Custom version reader can be used;

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 "RFID Demo.exe"; Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button;

실 RFID D	emo (Version:3	.2.0.0) - English - SERIAL				×
DIS <u>C</u> ONNE	CT <u>s</u> ettings	RCP LOGGING LANGUAGE	(语言) <u>H</u> ELP			
READ DEM	D BASE SETTIN	GS SENIOR SETTINGS ISC	018000-6B READ&WRITE	PC(GEN 2) READ&WRITE		
🔲 Div Ant	🔲 Div Address 📗] Div Alarm 📝 4 Byte 🛛 🗸]		Count	Sum
No. A	nt Address	Dec Card Length H	Hex Card		Last Time	Repeat Count
<u>S</u> t	art Read	Clear	Export			
Time	Туре	RCP Packet (HEX)			Details	
1:23:45 823	RCP RSP	CC FF FF 82 00 22 0A 20 77 77 77 2	E 41 6F 73 69 64 2E 63 6F 6D 20 0	A 20 50 56 33 2E 30 30 4E		
11-23-46.090	RCP CMD	7C FF FF 81 32 00 D3				
11.20.10.000			C CF 70 02 02 04 00 02 00 1E 04 (05 01 10 01 01 02 00 02 00	nT]fox	
11:23:46 238	RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 6	00 0F 78 82 03 0A 00 03 00 1E 0A 0	JF 01 10 01 01 02 00 02 00		
11:23:46 238 11:23:46 260	RCP RSP RCP CMD	CC FF FF 81 00 1C 1E 01 6E 54 5D 6 7C FF FF B9 22 00 AB	0 0F 78 82 03 0A 00 03 00 1E 0A 0	JF 01 10 01 01 02 00 02 00		
11:23:46 238 11:23:46 260 11:23:46 334	RCP RSP RCP CMD RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 6 7C FF FF B9 22 00 AB CC FF FF B9 00 1C C0 A8 02 89 FF F	FF FF 00 C0 A8 02 01 00 C0 5E 45	A2 6C 31 37 C0 A8 01 64 0	^El17 d	
11:23:46 238 11:23:46 260 11:23:46 334	RCP RSP RCP CMD RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 6 7C FF FF B9 22 00 AB CC FF FF B9 00 1C C0 A8 02 89 FF F	FF FF 00 C0 A8 02 01 00 C0 5E 45	A2 6C 31 37 C0 A8 01 64 0	^E 17 d	

3. Choice table "BASE SETTINGS";

A PEID Damo (Arreion: 2.2.0.0) - English - SEDIAI									
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE									
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-TCPIP Read Interval: 10 ms									
Power Size: 30 v dBi Trigger: Close v Same ID interval: 1 👘 s									
Buzzer: Enabled Card Type: EPC(GEN 2)Single-Tag									
Senior Parameters Input Zone									
Antenna: V ANT 1 ANT 2 ANT 3 ANT 4									
Freq Parameters Input Zone									
Hopping Enabled: Enabled China America Europe Hopping Value: 902.0 Hopping Value: 925.0 MHz									
Get Para(G) Set Para(S) Default All(A)									
Ime Type RUP Packet (HEX) Details 1115-14 200 0.00 500 0.01 71 71 71 76 44 55 72 56 64 35 62 57 50 70 04 70 75 75 77 77 76 44 55 72 56 64 35 62 57 50 70 04 70 76 75 75 77 77 77 76 44 55 72 56 64 35 62 57 50 70 04 70 76 75 75 77 77 77 76 44 55 72 56 64 35 62 75 70 70 04 70 76 75 77 77 77 77 77 76 44 55 72 56 64 35 62 75 70 70 04 70 76 75 77 77 77 77 77 77 77 77 77 76 44 55 72 56 64 35 62 75 70 70 04 70 77 77 77 77 77 77 77 77 77 77 77 77									
112314304 KCF KSF C C FF FF 2 00 2 0 K 20 / 7/ 72 4 2 0 / 3 0 9 4 2 0 0 0 2 0 K 20 3 0 3 3 2 1 0 3 0 4 L									
11:25:14 768 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 03 0A 00 03 00 1E 0A 0F 01 10 01 01 02 00 02 00 nTJfox									
11:25:14 791 RCP CMD 7C FF FF B9 22 00 AB									
11:25:14 863 RCP RSP CC FF FF B9 00 1C C0 A8 02 89 FF FF FF 00 C0 A8 02 01 00 C0 5E 45 A2 6C 31 37 C0 A8 01 64 0 ^E 117 d									
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success TCPIP Parameters Read									

4. Press "Default All" button, and switch work mode to "Passive" and switch output mode to "1-RS232";

🔉 RFID Demo (Version:3.2.0.0) - English - SERIAL 🛛 🗙 🗙										
DIS <u>C</u> ONNECT <u>SETTINGS</u> RCP LOGGING LANGUAGE(语言) <u>H</u> ELP										
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE										
Wiegand Parameters Input Zone										
Byte Offset: 0 😴 Byte Pulse Width: 10 👻 *10us Out Interval: 30 堂 *10ms Pulse Period: 15 👻 *100us										
Basic Parameters Input Zone										
Work Mode:	Active		Output Mode:	1-RS232 -	Read Interval: 10) 🚔 ms				
Power Size:	30	🔻 dBi	Trigger:	Close 🔻	Same ID interval: 1	s s				
Buzzer:	Enabled	4 •	Card Type:	EPC(GEN 2)Single-Tag		-				
Senior Param	eters Input Zone	,								
Antenna:	ANT	1 🔲 ANT 2	2 🔲 ANT 3 📃 AI	NT 4						
Freq Paramet	ers Input Zone									
Hopping En	abled: Enabled	-	China Americ	a Europe Hop	oing Value: 902.0 V	- 925.0 VMHz				
C-1.0	(0)		D	D-f-uk all(a)						
Get P	ara(G)	Ser	t Para(S)	Default All(A)						
Time T	ype	RCP Packet (HEX)			Details	-			
11:25:14 304 R	CP RSP	CC FF FF 82 0	0 22 0A 20 77 77 77 2E	41 6F 73 69 64 2E 63 6F 6D 20	0 0A 20 50 56 33 2E 30 30 4	4E				
11:25:14 620 R	CP CMD	7C FF FF 81 32	2 00 D3							
11:25:14 768 R	CP RSP	CC FF FF 81 0	0 1C 1E 01 6E 54 5D 66	5F 78 82 03 0A 00 03 00 1E 0	A 0F 01 10 01 01 02 00 02 0	00 nT]fox	=			
11:25:14 791 R	CP CMD	7C FF FF B9 2	2 00 AB							
11:25:14 863 R	CP RSP	CC FF FF B9 0	0 1C C0 A8 02 89 FF FF	FF 00 C0 A8 02 01 00 C0 5E 4	45 A2 6C 31 37 C0 A8 01 64	10 ^E l17 d				
•				m			- F			
CONNECTED	COM1	96	00 Type:P - Ve	rsion:V3.00 - Address: 6	5535 Success TCPIP	Parameters Read				

- 5. press "Set Para" button, if the current status show green than said set success, else said set fail;
- 6. Choice table "EPC(GEN 2) READ&WRITE", and press "F8" 5 times;

User Manua	1
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A RFID Demo - [Ver:3.2.0.1]	×
DISCONNECT(C) LANGUAGE BROADCAST RCP LOGGING(L) HELP(H)	
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE	
EPC(GEN 2) Identify	
Card No: 00-00-00-00-00-00-00-00-00-00-00	Identify(E)
EPC(GEN 2) Read	
Block: 1-EPC V Address: 2 Length: 2 (Length not mo	ore 16)
Data:	Read(A)
EPC(GEN 2)Write Card	
Block: 1-EPC V Address: 2 Length: 2 (Length not mo	ore 16)
Data: 00-00	Write(R)
Quick Write Card Zone(Weigand Card)Max 4 Byte	
Card Type: Wiegand26 V Card Position: 7 V 🗸 Auto Add 1 🗌 Auto Hex	
Current Read Num:	
Be Written Num:	
DEC HEX WG	
Write Num: 00123567 01-E2-AF 001,58031 Add 1 Decrease 1	Read Tag(F9)
	Write Tag(F12)
Time Time DCD Dedict (UDV)	D-t-II-
10145-02-022 BCD CMD 70 55 55 92-20-00 D2	L 2
09-15-03-947 RCP RSP CC EF EF 82 00 22 00 20 77 77 77 2F 41 6F 73 69 64 2F 63 6F 6D 20 0A 54 50 56 33 2F 36	2 2" www. Ansid.com TPV3 62Nn :
09:15:04 196 RCP CMD 7C FF FE 81 32 00 D3	?
09:15:04 350 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6E 77 82 02 0A 00 01 00 1E 0A 0F 01 10 01 01 02 00	. ? ?□nT]fnw?
<	
CONNECTED 192.168.2.115 49152 Type:PT - Version:V3.62 - Address: 65535 Success BASE	Parameters Read

7. switch Card Type to "Wiegand26", switch Card Position to "0" and checked the "Auto Add 1";

Card Type: Wiegand26 ∨ Card Position: 0 ∨ ✓ Auto Add 1 □ Auto Hex Current Read Num:
Current Read Num:
Be Written Num:
DEC HEX WG
Write Num: 00123567 01-E2-AF 001,58031 Add 1 Decrease 1 Read Tag(F9)
Write Tag(F12)

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

Quick Write Card Zon Card Type:	e(Weigand Card) Wiegand26	Max 4 Byte Card Positi	on: 0 ~	Auto Add 1	Auto Hex	
Current Read Num:				·		
Be Written Num:						
	DEC	HEX	WG			
Write Num:	00123567	01-E2-AF	001,58031	Add 1	Decrease 1	Read Tag(F9)
						Write Tag(F12)

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

Quick Write Card Zon	e(Weigand Card)M	ax 4 Byte				
Card Type:	Wiegand26 $$	Card Position:	0 ~	🗹 Auto Add 1	Auto Hex	
Current Read Num:	123567 [HEX: 01E	2AF]				Comparison Succeed!
Be Written Num:	123567 [HEX: 01E	2AF]				Write Succeed!
	DEC	HEX	WG			
Write Num:	00123568	01-E2-B0	001,58032	Add 1	Decrease	1 Read Tag(F9)
						Write Tag(F12)

Write Succeed Status

10. 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 "RFID Demo.exe"; Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button;

🐵 RFID Demo (Version:3.2.0.0) - English - SERIAL		×
DIS <u>C</u> ONNECT <u>SETTINGS</u> RCP LOGGING LANGUAGE(语言) <u>H</u> ELP		
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) REA	D&WRITE	
📄 Div Ant 📄 Div Address 📄 Div Alarm 🕡 4 Byte 🛛 🔻	Count	Sum
No. Ant Address Dec Card Length Hex Card	Last Time	Repeat Count
Start Read Clear Export		
Time Type RCP Packet (HEX)	Details	
11:23:45 823 RCP RSP CC FF FF 82 00 22 0A 20 77 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E	30 30 4E	
11:23:46 090 RCP CMD 7C FF FF 81 32 00 D3		
11:23:46 238 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 03 0A 00 03 00 1E 0A 0F 01 10 01 01 02	00 02 00 nT]fox	
11:23:46 260 RCP CMD 7C FF FF B9 22 00 AB		
11:23:46 334 RCP RSP CC FF FF B9 00 1C C0 A8 02 89 FF FF FF 00 C0 A8 02 01 00 C0 5E 45 A2 6C 31 37 C0 A	8 01 64 0 ^E l17 d	
III		-
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success T	CPIP Parameters Read	

3. Choice table "BASE SETTINGS";

DISCONNECT SETTINGS RCP LOGGING LANGUAGE(语言) HELP									
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE									
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 V Output Mode: 3-TCPIP V Read Interval: 10 👘 ms									
Power Size: 30 v dBi Trigger: Close v Same ID interval: 1 * s									
Buzzer: Enabled Card Type: EPC(GEN 2)Single-Tag									
Senior Parameters Input Zone									
Antenna: V ANT 1 ANT 2 ANT 3 ANT 4									
Free Darameters Innit Zone									
riopping chuoide . Linunde . Crima Annerica curope riopping funct. Socie									
Get Para(G) Set Para(S) Default All(<u>A</u>)									
Time Type RCP Packet (HEX) Details									
11:25:14 304 RCP RSP CC FF F8 2 00 22 0A 20 77 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E 30 30 4E									
11:25:14 620 RCP CMD 7C FF FF 81 32 00 D3									
11:25:14 768 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 03 0A 00 03 00 1E 0A 0F 01 10 01 01 02 00 02 00 nT] fox									
11:25:14 791 RCP CMD 7C FF FF B9 22 00 AB									
11:25:14 863 RCP RSP CC FF FF 89 00 1C C0 A8 02 89 FF FF F0 0C 0 A8 02 01 00 C0 5E 45 A2 6C 31 37 C0 A8 01 64 0 ^E 117 d									
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success TCPIP Parameters Read									

4. Press "Default All" button, and switch work mode to "Passive" and switch output mode to "1-RS232";

A RFID Demo (Version:3.2.0.0) - English - SERIAL									
DIS <u>C</u> ONNECT <u>S</u> ETTINGS RCP LOGGING LANGUAGE(酒富) <u>H</u> ELP									
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE									
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 Read Interval: 10 m ms									
Power Size: 30 🔹 dBi Trigger: Close 🔹 Same ID interval: 1 🐺 s									
Buzzer: Enabled Card Type: EPC(GEN 2)Single-Tag									
Senior Parameters Input Zone									
Antenna: 📝 ANT 1 🔲 ANT 2 🛄 ANT 3 🛄 ANT 4									
Free Parameters Input Zone									
Hopping Enabled Finabled Thing America Europe Hopping Value: 902.0 The 925.0 The									
Get Para(G) Set Para(S) Default All(A)									
Time Type RCP Packet (HEX) Details									
11:25:14 304 RCP RSP CC FF FF 82 00 22 0A 20 77 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E 30 30 4E									
11:25:14 620 RCP CMD 7C FF FF 81 32 00 D3									
11:25:14 768 RCP RSP CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 03 0A 00 03 00 1E 0A 0F 01 10 01 01 02 00 02 00 nT]fox									
11:25:14 791 RCP CMD 7C FF FF B9 22 00 AB									
11:25:14 863 RCP RSP CC FF FF B9 00 1C C0 A8 02 89 FF FF FF 00 C0 A8 02 01 00 C0 5E 45 A2 6C 31 37 C0 A8 01 64 0 ^E I17 d									
۲ m									
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success TCPIP Parameters Read									

- 5. press "Set Para" button, if the current status show green than said set success, else said set fail;
- 6. Choice table "EPC(GEN 2) READ&WRITE", and press "F8" 5 times;

	emo (Ve	sion:3.2.0.0) - Englis	n - SERIAL				×
DIS <u>C</u> ONNE	CT <u>S</u> ETT	INGS RCP LOGGING	LANGUAGE(语言)	<u>H</u> ELP			
READ DEMO	BASE	SETTINGS SENIOR SET	TTINGS ISO18000-	6B READ&WRITE	EPC(GEN 2) REA	D&WRITE	
EPC(GEN 2)	Identify						
Card No:		00-00	0-00-00-00-00-00-00-	00-00-00-00		Identify(<u>E</u>)	
EPC(GEN 2)	Read						
Block:	1-EPC	 Address: 	2 Lengt	:h: 2	(Length not	more 16)	
Data:						Read(A)	
EDC(CEN 2)	Muite Core						
Block:	1.EPC	• Address:	2 Lengt	h: 2	(Length not	more 16)	
DIOCK.	I LI C	Address	2 2019	2	(Length hot		
Data:			00-00			Write(<u>R</u>)	
Current Re Be Written Write Num	ad Num: Num: i(Dec):	0 [HEX: 000000] 0 [HEX: 000000] 0		Add 1		Read Tag(F9)	
Written Nu	ım(Hex):	00-00-	-00	Decrease 1		Write Tag(F12)	
Time	Туре	RCP Packet (HEX)			Details	
11:25:14 768	RCP RSP	CC FF FF 81 00 1C	1E 01 6E 54 5D 66 6F 78 8	32 03 0A 00 03 00 1E 0.	A OF 01 10 01 01 02 0	0 02 00 nT]fox	
11:25:14 /91	RCP CMD	CC EE EE B9 00 10	C0 48 02 89 EE EE EE 00	C0 48 02 01 00 C0 5E	5 4 2 6C 31 37 C0 48	01.64.0 AE 117 d	
11:27:18 249	RCP CMD	7C FF FF 81 31 1C	1E 01 6E 54 5D 66 6F 78 8	2 02 0A 00 01 00 1E 0	OF 01 10 01 01 02 0	0 02 00 nTifox	-
11:27:18 275	RCP RSP	CC FF FF 81 00 00	85				
(
							F

7. switch Card Type to "Wiegand34", switch Card Position to "0" and checked the "Auto Add 1";

Card Type:	Wiegand34 $$	Card Positio	n: 0 ~	🗹 Auto Add 1	Auto Hex	
Current Read Num:	123568 [HEX: 0	001E2B0]				
Be Written Num:						
	DEC	HEX	WG			
Write Num:	0000123569	00-01-E2-B1	00001,58033	Add 1	Decrease 1	Read Tag(F9)
						Write Tag(F12)

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

Quick Write Card Zon	ne(Weigand Card)	Max 4 Byte					
Card Type:	Wiegand34 $$	Card Positio	on: 0 ~	🗹 Auto Add 1	Auto Hex		
Current Read Num:	123568 [HEX: 00	001E2B0]					
Be Written Num:							
	DEC	HEX	WG				
Write Num:	0000123569	00-01-E2-B1	00001,58033	Add 1	Decrease 1	Read Tag(F9)	
						Write Tag(F12)	

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

Quick write Card Zone(weigand Card)wax 4 byte	
Card Type: Wiegand34 V Card Position: 0 V Auto Add 1 Auto Hex	
Current Read Num: 223568 [HEX: 0001E2B0] Comparison Success	d!
Be Written Num: 123568 [HEX: 0001E2B0] Write Succeed!	
DEC HEX WG	_
Write Num: 0000123569 00-01-E2-B1 00001,58033 Add 1 Decrease 1 Read Tag(F9)
Write Tag(F12	?)

Write Succeed Status

10. Try to write card number again without succeed;

Tables B. Change Reader TCPIP Configuration

- 1. Connect 915MHz reader computer serial port (make sure the right connections, and obtain the computer serial number);
- 2. Open the "RFID Demo.exe"; Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button;

🙆 RFID D	emo (Version:	3.2.0.0) - English - SERIAL				x
DIS <u>C</u> ONNE	CT <u>S</u> ETTINGS	RCP LOGGING LANGUAGE	(语言) <u>H</u> ELP			
READ DEMO	O BASE SETTIN	IGS SENIOR SETTINGS ISC	018000-6B READ&WRITE	EPC(GEN 2) READ&WRITE		
Div Ant	Div Address	🛛 Div Alarm 📝 4 Byte 🛛 🔻]		Count	Sum
No. A	nt Address	Dec Card Length	Hex Card		Last Time	Repeat Count
Sti	art Read	<u>C</u> lear	<u>E</u> xport			
т	Turne	PCD Dealast (UEX)			Dataila	
11-32-45 032	non nen	CC FE FE 82 00 22 0A 20 77 77 77 77	E 41 CE 72 CO C4 DE C2 CE CD DO 0	A 20 50 56 22 25 20 20 45	Details	
11:23:45 020	RCP CMD	7C FE FE 81 32 00 D3	L 41 0F 73 05 04 2L 03 0F 0D 20 0	A 20 30 30 33 2E 30 30 4E		
11:23:46 238	RCP RSP	CC FE FE 81 00 1C 1E 01 6E 54 5D 6	56 6F 78 82 03 0A 00 03 00 1F 0A (0F 01 10 01 01 02 00 02 00	nTlfox	
11:23:46 260	RCP CMD	7C FF FF B9 22 00 AB				
11:23:46 334	RCP RSP	CC FF FF B9 00 1C C0 A8 02 89 FF	FF FF 00 C0 A8 02 01 00 C0 5E 45	A2 6C 31 37 C0 A8 01 64 0	^E 17 d	
CONNECTE	D COM1	9600 Type:P -	Version:V3.00 - Address: 655	35 Success TCPIP Param	eters Read	

3. Choice table "SENIOR SETTINGS";

🜰 RFID D	emo (Ver	sion:3.2.0).0) - English	- SERIAL					×
DISCONNE	CT SETT	INGS RC	P LOGGING	LANGUAG	E(语言) HE	LP			
READ DEMO	BASE S	ETTINGS	SENIOR SETT	INGS IS	O18000-6B	READ&WRITE	EPC(GEN 2	2) READ&WRITE	
TCPIP Config	9								
IP Address		192	.168.2.137	IP Port	:	4	9152	Get Para(<u>G</u>)	
Subnet Ma	sk:	255	.255.255.0	GateW	ay:	192	.168.2.1	Set Para(<u>S</u>)	
Mac Addre	ess:	5E-45-	A2-6C-31-37	Netwo	rk Mode	Server		▼ Default(<u>D</u>)	
Server IP		192	168.1.100	Server	Port		49153		
Address Co	nfig								
Old Addre	ss:		65535	New A	ddress:		5535	Set Address	
SYRIS Config	9								
Syris SN:		00	000001	Syris II	D:	1		▼ Set Syris	
Time Config									
Now Time:		2015/1	/29 11:37:31	Reade	r Time:			Get Set	
Soft Config									
IO1 Ope	en	IO1 Clos	e IO2	Open	IO2 C	lose	SoftReset		
Time	Type	RCF	Packet (HEX)					Details	
11:36:30 631	RCP RSP	CC	FF FF 12 00 00 24						
11:36:30 789	RCP CMD	7C	FF FF 12 32 03 01	02 02 3A					
11:36:30 802	RCP RSP	cc	FF FF 12 00 05 01	00 01 E2 40	FB			@	
11:36:39 846	RCP CMD	7C	FF FF 12 31 07 01	02 02 00 01	E2 41 13			А	
11:36:39 860	RCP RSP	CC	FF FF 12 01 00 23						
•									 +
CONNECTER		COM1	9600	TypeP	Version:V3	00 - Address:	65535 Eail	EPC Write	

4. change the parameters in "TCPIP Config" and Click "Set Para" button to set;

TCPIP Config				
IP Address	192.168.2.137	IP Port:	49152	Get Para(G)
Subnet Mask:	255.255.255.0	GateWay:	192.168.2.1	Set Para(S)
Mac Address:	5E-45-A2-6C-31-37	Network Mode	Server 🔹	Default(D)
Server IP	192.168.1.100	Server Port	49153	

5. if pop Attention widows, you must reset reader power;

🙆 RFID De	emo (Ver	sion:3.2.0.0) -	- English -	SERIAL				×
DISCONNEG	CT SETT	INGS RCP LO	GGING L	ANGUAGE(语言) HEL	_P			
READ DEMO	BASE 9	SETTINGS SEM	NIOR SETTIN	NGS ISO18000-6B R	EAD&WRITE E	PC(GEN 2) REA	D&WRITE	
-TCPIP Config	9							
IP Address		192.168.2	2.137	IP Port:	4915	i2	Get Para(G)	
Subnet Ma	sk:	255.255.2	255.0	GateWay:	192.168	3.2.1	Set Para(S)	
Mac Addre	ess:	5E-45-A2-60	C-31-37	Network Mode	Server	•	Default(D)	
Server IP		192.168.1	1.100	Server Port	4915	53		
Address Cor	nfig							
Old Addres	ss:	6553	5	New Address:	6553	5	Set Address	
-SYRIS Config	9							
Syris SN:		000000	001	Syris ID:	1	•	Set Syris	
Time Config		-	提示				×	
Now Time:		2015/1/29 1					Set	
Soft Config		-		Set the IP parameters	s under the netwo	ork connection	need	
IO1 Ope	en	IO1 Close		restart the equipmen	t!			
	,		1					
							确定	
Time	Туре	RCP Pac	ket (HEX)				Details	^
11:36:30 802	RCP RSP	CC FF FF	12 00 05 01 0	0 01 E2 40 FB			@	
11:36:39 846	RCP CMD	CC FF FF	12 01 00 23	2 02 00 01 22 41 13			A	
11:39:33 770	RCP CMD	7C FF FF	B9 21 1C C0 A	48 02 89 FF FF FF 00 C0 A8	3 02 01 00 C0 5E 45 A	A2 6C 31 37 C0 A	8 01 64 0 ^E l17 d	
11:39:33 787	RCP RSP	CC FF FF	B9 00 00 7D					
•								
CONNECTER	D	COM1	9600	Type:P - Version:V3.0	0 - Address: 6553	35 Fail EPC V	Vrite	

6. try again if set fail;

Tables C. Wiegand Configuration

- 11. Connect reader to the computer with serial port (make sure the right connections, and obtain the computer serial number);
- 12. Open the "RFID Demo.exe"; Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button;

DIS <u>CONNECT</u> SETTINGS RCP LOGGING LANGUAGE(唐) <u>H</u> ELP READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE Div Address Div Alarm 2 4 Byte 0 • Count Sum No. Ant Address Dec Card Length Hex Card Last Time Repeat Count
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE Div Ant Div Address Div Alarm 4 Byte • Count Sum No. Ant Address Dec Card Length Hex Card Last Time Repeat Count
Div Ant Div Address Div Alarm 2 4 Byte 0 - Count Sum No. Ant Address Dec Card Length Hex Card Last Time Repeat Count
No. Ant Address Dec Card Length Hex Card Last Time Repeat Count
Start Read Clear Export
iime Type RCP Packet (HEX) Details
1:23:45 823 RCP RSP CC FF FF 82 00 22 0A 20 77 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E 30 30 4E
1:23:46 090 RCP CMD 7C FF FF 81 32 00 D3
12:2540 238 KCP KOP CCFF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 03 0A 00 03 00 1E 0A 0F 01 10 01 01 02 00 02 00 nTjfox
T5340 034 IVEL K3L CC LE LE DA MIT C (N 98 07 63 LE LE LE MIT (N CA 98 07 01 CO CA 25 45 45 67 37 3) CN 98 07 64 0" VEUV (I
III. III. III. III. III. III. III. III

13. Choice table "BASE SETTINGS";

DISCONNECT SETTI	INGS RCP LOGGING LANGUAGE(语	狺) <u>H</u> ELP						
READ DEMO BASE S	SETTINGS SENIOR SETTINGS ISO1	8000-6B READ&WRITE EPC	GGEN 2) READ&WRITE					
Wiegand Parameters I	Input Zone							
Byte Offset: 0	🗧 Byte Pulse Width: 10 🚔 *10us	Out Interval: 30 🊔 *10	0ms Pulse Period: 15 🚔 *100us					
Basic Parameters Inpu	t Zone							
Work Mode:	Passive Output Mode:	3-TCPIP Read	d Interval: 10 🚔 ms					
Power Size:	30 dBi Trigger:	Close Sam	e ID interval: 1 🚔 s					
Puttor	Enabled Turner	EPC/GEN 2)Single-Tag						
buzzer.	Card Type.	En e(GEN 2)Single-Tag						
-Senior Parameters Inp	out Zone							
Antenna:	🖉 ANT 1 🔲 ANT 2 🛄 ANT 3 🛄 AI	NT 4						
Freq Parameters Input	t Zone							
Hopping Enabled:	Enabled 🔻 China Americ	a Europe Hopping	Value: 902.0 - 925.0 - MHz					
Get Dara(G)	Cat Para(S)	Default All(A)						
	Secrata							
Time Type	RCP Packet (HEX)		Details	^				
11:25:14 304 RCP RSP	CC FF FF 82 00 22 0A 20 77 77 77 2E	41 6F 73 69 64 2E 63 6F 6D 20 0A 2	20 50 56 33 2E 30 30 4E					
11:25:14 620 RCP CMD	7C FF FF 81 32 00 D3							
11:25:14 768 RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66	6F 78 82 03 0A 00 03 00 1E 0A 0F 0	01 10 01 01 02 00 02 00 nT]fox	=				
11:25:14 791 RCP CMD	7C FF FF B9 22 00 AB							
11:25:14 863 RCP RSP	CC FF FF B9 00 1C C0 A8 02 89 FF FF	FF 00 C0 A8 02 01 00 C0 5E 45 A2	6C 31 37 C0 A8 01 64 0 ^E l17 d	-				
٠		III		•				
CONNECTED	COM1 9600 Type:P - Ve	ersion:V3.00 - Address: 65535	Success TCPIP Parameters Read					

14. Press "Default All" button, and switch output mode "6-Wiegand26" or "7-Wiegand34";

basic Parameters inp	ut zone					
Work Mode:	Active •	Output Mode:	6-Wiegand26 👻	Read Interval:	10 🔶	ms
Power Size:	30 v dBi	Trigger:	Close •	Same ID interval:	1	s
Buzzer:	Enabled 👻	Card Type:	EPC(GEN 2)Single-Tag	9	•	

15. press "Set Para" button, if the current status show green than said set success, else said set fail;

COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success BASE Parameters Write

16. try again if set fail;

n - - t - n - - -

CONNECTED

Tables D. Read Demo

- 1. Connect 915MHz reader computer serial port (make sure the right connections, and obtain the computer serial number);
- 2. Open the "RFID Demo.exe"; Choice the right serial port, choice 9600 baud rate, and then press the "Connect" button;

DISCONNECT SETTINGS RCP LOGGING LANGUAGE(语言) HELP READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE Div Ant Div Address Div Alarm 4 Byte O Count Sum
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE Div Address Div Alarm V 4 Byte Count Sum
🖸 Div Ant 📳 Div Address 📳 Div Alarm 💟 4 Byte 🚺 🔹 Count Sum
No. Ant Address Dec Card Length Hex Card Last Time Repeat Count
Start Read Clear Export
Time Type RCP Packet (HEX) Details
11:23:45 823 RCP RSP CC FF FF 82 00 22 0A 20 77 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E 30 30 4E
11:23:46 090 RCP CMD 7C FF FF 81 32:00 D3
11/23/49/238 KCP KSP CCFFFF91001CE101654/50/666F/8/82/03/04/00/03/001E/04/0F0110/01/02/00/02/00 nijfox
11/23/40/20 KVF UMU / VFFF 52/20 VA0 11/23/40/20 KVF UMU / VFFF 52/20 VA0 11/23/40/20 KVF UMU / VFFF 52/20 VA0

3. Choice table "BASE SETTINGS";

🛞 RFID Demo (Version:3.2.0.0) - English - SERIAL									
DISCONNECT SETTINGS RCP LOGGING LANGUAGE(语言) HELP									
READ DEMO BASE SETTINGS SENIOR SETTINGS ISO18000-6B READ&WRITE EPC(GEN 2) READ&WRITE									
Wiegand Parameters Input Zone									
Byte Offset: 0 🖶 Byte Pulse Width: 10 👘 *10us Out Interval: 30 👘 *10ms Pulse Period: 15 👘 *10us									
Basic Parameters Input Zone									
Work Mode: Active Output Mode: 6-Wiegand26 Read Interval: 10 ms									
Power Size: 30 v dBi Trigger: Close v Same ID interval: 1 👘 s									
Buzzer: Enabled Card Type: EPC(GEN 2)Single-Tag									
Senior Parameters Input Zone									
Antenna: VANT1 ANT2 ANT3 ANT4									
Free Darameters Input Zone									
Get Para(g) Set Para(g) Derault All(A)									
Time Type RCP Packet (HEX) Details									
11:36:39 860 RCP RSP CC FF FI 2 01 00 23									
11:39:33 770 RCP CMD 7C FF FF 89 21 1C C0 A8 02 89 FF FF FF 00 C0 A8 02 01 00 C0 5E 45 A2 6C 31 37 C0 A8 01 64 0 ^E 17 d									
11:39:33 787 RCP RSP CC FF FF 89 00 00 7D									
11:45:07 668 RCP CMD 7C FF FF 81 31 1C 1E 01 6E 54 5D 66 6F 78 82 02 0A 00 06 00 1E 0A 0F 01 10 01 01 02 00 02 00 nT] fox									
11:45:07 685 RCP RSP CC FF FB 100 00 B5									
۲									
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success BASE Parameters Write									

4. Press "Default All" button, and switch output mode to "1-RS232";

Basic Parameters In	put Zone						
Work Mode:	Active -		Output Mode:	1-RS232 -	Read Interval:	10	ms
Power Size:	30 -	dBi	Trigger:	Close 🔻	Same ID interval:	1	s
Buzzer:	Enabled 🔻		Card Type:	EPC(GEN 2)Single-Ta	g	•	

5. Press "Set Para" button;

CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success BASE Parameters Write

6. Switch table to "READ DEMO";

🐵 RFID Demo (Version:3.2.0.0) - English - SERIAL 🛛 🗙											
DIS <u>C</u> ONNE	CT <u>S</u> ETTI	NGS RCP LOGO	SING LANGU	IAGE(语言) <u>H</u> ELP							
READ DEM	O BASE SE	ETTINGS SENIO	OR SETTINGS	ISO18000-6B READ&WRIT	E EPC(GEN 2) READ&WRI	TE					
🔲 Div Ant	Div Addro	ess 📄 Div Alarm	🗸 4 Byte 🛛	•		с	ount 1	Sum 1	L		
No. A	nt Addr	ess Dec Car	d Length	Hex Card			Last Time	Repeat Count			
	<u>C</u> lear		<u>E</u> xport								
Time	Туре	RCP Packet	t (HEX)			Details			•		
11:39:33 787	RCP RSP	CC FF FF B9	00 00 7D								
11:45:07 668	RCP CMD	7C FF FF 81	31 1C 1E 01 6E 5	\$5D 66 6F 78 82 02 0A 00 06 00	LE 0A 0F 01 10 01 01 02 00 02 00 .	nT]fox					
11:45:07 685	RCP RSP	CC FF FF 81	00 00 B5								
11:48:22 272 RCP CMD 7C FF FF 81 31 1C 1E 01 6E 54 5D 66				5D 66 6F 78 82 02 0A 00 01 00	LE 0A 0F 01 10 01 01 02 00 02 00	nT]fox					
11:48:22 292	RCP RSP	CC FF FF 81	00 00 B5						Ļ		
•									P.		
CONNECTED COM1 9600 Type:P - Version:V3.00 - Address: 65535 Success BASE Parameters Write											

7. scanning tag;

🔌 RFID D	emo (Version:3	.2.0.0) - English - 9	ERIAL							x
DIS <u>C</u> ONNE	CT <u>S</u> ETTINGS	RCP LOGGING LA	NGUAGE(诩	<u>語) H</u> ELP						
READ DEMO	BASE SETTING	SENIOR SETTING	GS ISO1	8000-6B READ&WRITE	EPC(GEN 2) READ&WRITE					
🔲 Div Ant	Div Address	Div Alarm 📝 4 Byte	0 -				Count	1	Sum	1
No. A	nt Address	Dec Card	Length	Hex Card			Last	lime -	Repeat Co	ount
1 1	65535	[0001E240]123456	12	0001E2402031363385D	500AA		11:49:	22	1	
	<u>C</u> lear	<u>Export</u>								
Time	Туре	RCP Packet (HEX)				Details				-
11:45:07 668	RCP CMD	7C FF FF 81 31 1C 1E 01	6E 54 5D 66	6F 78 82 02 0A 00 06 00 1E 0	A 0F 01 10 01 01 02 00 02 00	nT]fox				
11:45:07 685	RCP RSP	CC FF FF 81 00 00 B5								
11:48:22 272	RCP CMD	7C FF FF 81 31 1C 1E 01	6E 54 5D 66	6F 78 82 02 0A 00 01 00 1E 0	A 0F 01 10 01 01 02 00 02 00	nT]fox				
11:48:22 292	RCP RSP	CC FF FF 81 00 00 B5								
11:49:22 626	RCP RSP	CC FF FF 10 32 0D 01 00	01 E2 40 20	31 36 33 85 D5 00 AA 05		@ 163				
•				III						Þ
CONNECTE	D COM1	9600	Type:P - Ve	ersion:V3.00 - Address: 6	5535 Success EPC Identify	yRead				