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## Deal the same number for WG data (English)

1. connect the pc and reader use the serial port, and use the “RFIDDemo.exe”;

The screenshot shows the 'RFID Demo - [Ver:3.2.0.4]' application window. The 'READ DEMO' tab is active, displaying a table for reading data. The table has columns: No., Ant, Address, Hex/Dec/WG, Length, Hex Card, Last Time, and Repeat Count. Below the table are 'Clear(C)' and 'Export(E)' buttons. At the bottom, a log shows four RCP packets with their times, types, and hex data. The status bar at the very bottom indicates 'CONNECTED', 'COM1', '9600', 'Type:PC - Version:V3.65 - Address: 65535', and 'Action BASE Parameters Success'.

No.	Ant	Address	Hex/Dec/WG	Length	Hex Card	Last Time	Repeat Count
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Time	Type	RCP Packet (HEX)	Details
09:51:04 869	RCP CMD	7C FF FF 82 32 00 D2	
09:51:04 938	RCP RSP	CC FF FF 82 00 22 0A 20 77 77 2E 41 6F 73 69 64 2E 63 6F 6D 20 0A 20 50 56 33 2E 36 ...	
09:51:05 001	RCP CMD	7C FF FF 81 32 00 D3	
09:51:05 113	RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 02 0A 00 01 00 1E 0A 0F 01 10 01 01 02 00 ...	cnTJfox?

CONNECTED | COM1 | 9600 | Type:PC - Version:V3.65 - Address: 65535 | Action BASE Parameters Success

2. switch to “BASE SETTINGS”, and set the parameters;

**RFID Demo - [Ver:3.2.0.4]**

DISCONNECT(C) LANGUAGE RCP LOGGING(L) HELP(H)

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/USB Read Interval: 10 ms

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

Buzzer: Enabled Card Type: EPC(GEN 2)Single-Tag

Freq Parameters Input Zone

Hopping Enabled: Enabled China America Europe Hopping Value: 902.0 - 925.0 MHz

Senior Parameters Input Zone

Antenna: ☒ ANT 1 ☐ ANT 2 ☐ ANT 3 ☐ ANT 4

Get Para(G) Set Para(S) Default All(A) Net Init(X) Wifi Init

Time	Type	RCP Packet (HEX)	Details
09:51:04 869	RCP CMD	7C FF FF 82 32 00 D2	
09:51:04 938	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 36 ...	
09:51:05 001	RCP CMD	7C FF FF 81 32 00 D3	
09:51:05 113	RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 02 0A 00 01 00 1E 0A 0F 01 10 01 01 02 00 ...	cnT]fox?

CONNECTED COM1 9600 Type:PC - Version:V3.65 - Address: 65535 Action BASE Parameters Success

3. switch to "READ DEMO", and swipe same tag;

**RFID Demo - [Ver:3.2.0.4]**

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 0 Count 1 Sum 3

No.	Ant	Address	Hex/Dec/WG	Length	Hex Card	Last Time	Repeat Count
1	1	65535	E300E3][14876899][22700227]	12	E300E3000200343800000000	9:55:00	1
2	1	65535	E20001][14811137][22600001]	12	E200010001000000000AFDD	9:55:01	1
3	1	65535	E20020][14811168][22600032]	12	E2002069810E00661110A65F	9:55:04	1

Clear(C) Export(E)

Time	Type	RCP Packet (HEX)	Details
09:51:05 113	RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 02 0A 00 01 00 1E 0A 0F 01 10 01 01 02 00 ...	cnT]fox?
09:55:00 408	RCP AUTO	CC FF FF 10 32 0D 01 E3 00 E3 00 02 00 34 38 00 00 00 00 B2	??
09:55:01 126	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 01 00 01 00 00 00 00 0A FD DD 1E	??
09:55:04 528	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 20 69 81 0E 00 66 11 10 A6 5F 60	?? i?

CONNECTED COM1 9600 Type:PC - Version:V3.65 - Address: 65535 Action EPC Identify Success

4. select value for the drop-down list , if the red frame show the same in every value, the you

have to rewriting the tag numbers, Reference write card description document;  
 If you confirm the value is your right value, please mark this value, switch to “BASE SETTINGS”,  
 and set the “Byte Offset”; (the value default is 0,5,9,1,4,8)

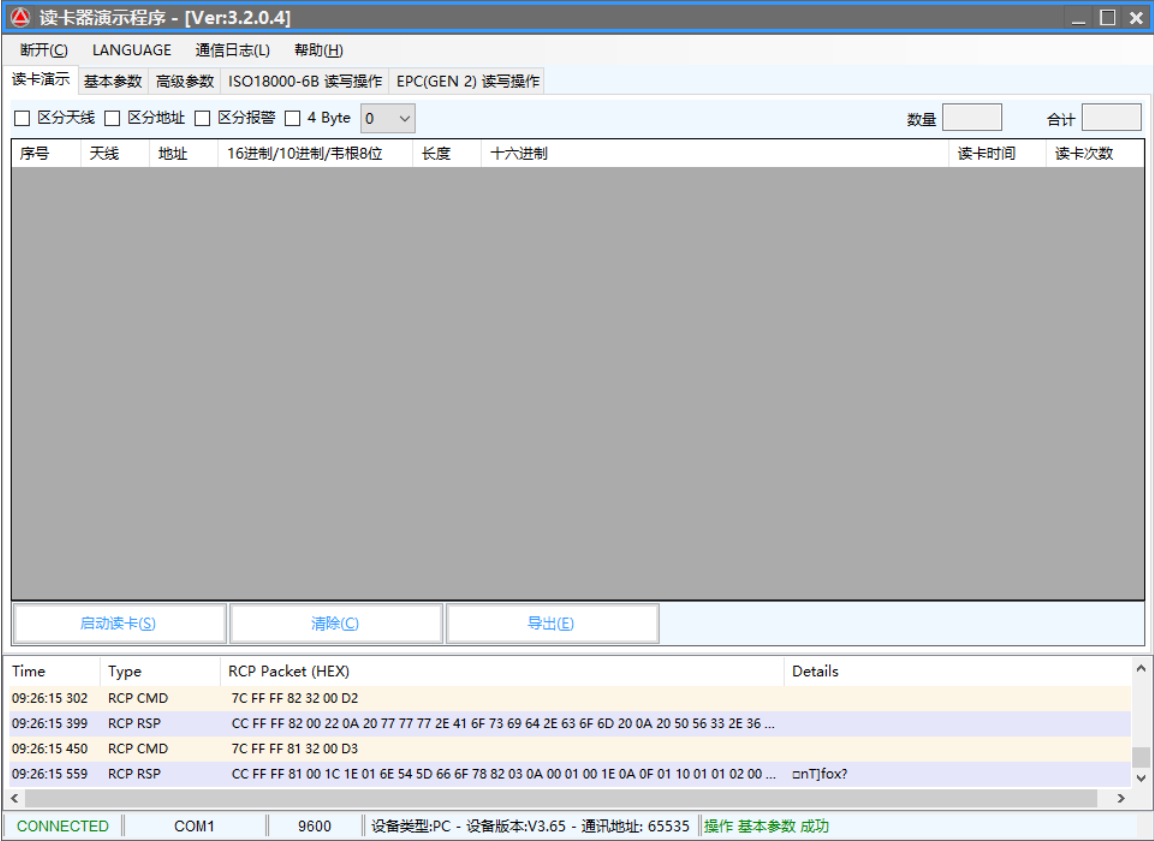
The screenshot shows the 'RFID Demo - [Ver:3.2.0.4]' application window. The 'BASE SETTINGS' tab is selected. In the 'Wiegand Parameters Input Zone', the 'Byte Offset' is set to 9, which is highlighted with a green box and a red arrow. Other parameters like 'Pulse Width' (10 \*10us), 'Out Interval' (30 \*10ms), and 'Pulse Period' (15 \*100us) are also visible. The 'Basic Parameters Input Zone' includes settings for 'Work Mode' (Active), 'Output Mode' (6-WG26), 'Read Interval' (10 ms), 'Power Size' (30 dBi), 'Trigger' (Close), 'Same ID interval' (1 s), 'Buzzer' (Enabled), and 'Card Type' (EPC(GEN 2)Single-Tag). The 'Freq Parameters Input Zone' shows 'Hopping Enabled' (Enabled) and 'Hopping Value' (902.0 - 925.0 MHz). The 'Senior Parameters Input Zone' has 'Antenna' set to ANT 1. Below these settings are buttons for 'Get Para(G)', 'Set Para(S)', 'Default All(A)', 'Net Init(X)', and 'Wifi Init'. A red '3' is written above the 'Set Para(S)' button and a red '1' is written above the 'Default All(A)' button. At the bottom, a log window displays a table of RCP packets with columns for Time, Type, RCP Packet (HEX), and Details. The status bar at the very bottom shows 'CONNECTED', 'COM1', '9600', 'Type:PC - Version:V3.65 - Address: 65535', and 'Action EPC Identify Success'.

Time	Type	RCP Packet (HEX)	Details
09:51:05 113	RCP RSP	CC FF FF 81 00 1C 1E 01 6E 54 5D 66 6F 78 82 02 0A 00 01 00 1E 0A 0F 01 10 01 01 02 00 ...	cnTJfox?
09:55:00 408	RCP AUTO	CC FF FF 10 32 0D 01 E3 00 E3 00 02 00 34 38 00 00 00 00 B2	??
09:55:01 126	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 01 00 01 00 00 00 00 0A FD DD 1E	??
09:55:04 528	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 20 69 81 0E 00 66 11 10 A6 5F 60	?? i?

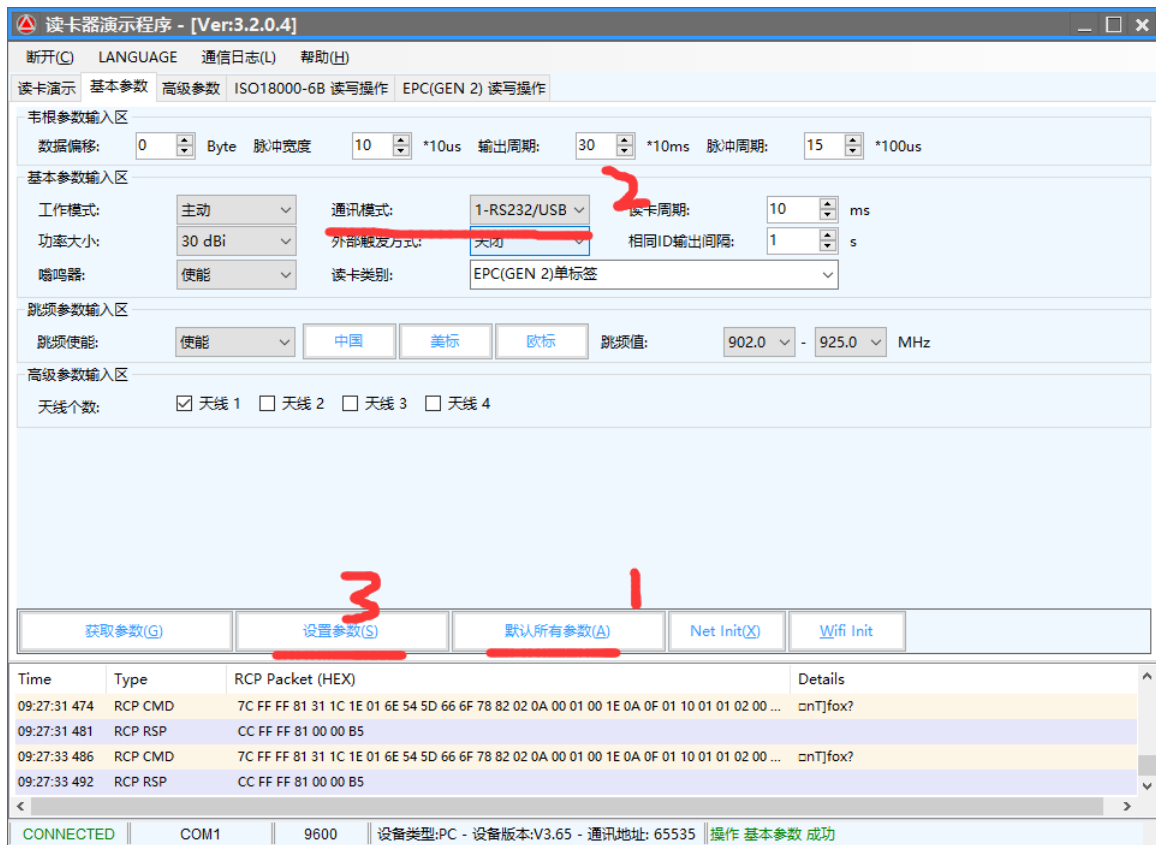
5. now ,the set is over, connect the controller test again;

# 处理韦根数据相同卡号(中文)

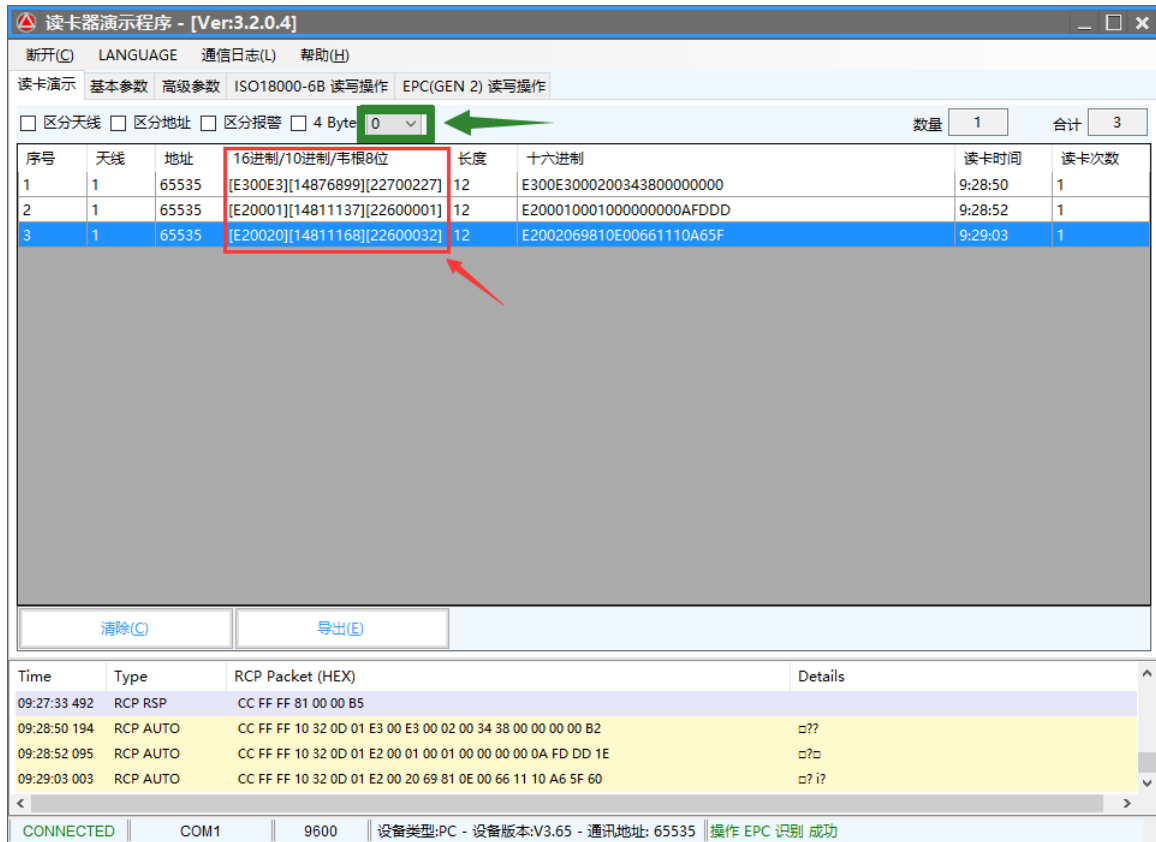
1. 将读卡器通过串口连接电脑,使用 RFIDDemo.exe 联机;



2. 切换到“基本参数”界面,按下图设置参数,



3. 切换到“读卡演示”界面,拿几张卡片刷卡,如下图;



4. 通过调节“读卡演示”界面绿框下拉列表判断红框显示是否相同,如果通过调节下拉列表

数据依然是相同卡号,则表示卡片未编号,请重新给卡片编号,参考“写卡说明”文档;如果通过调节下拉列表已经判断出卡号不同,则记录该数值,并且切换回“基本参数”界面设置数据偏移;

(该数值一般为 0,5,9,1,4,8);

读卡器演示程序 - [Ver:3.2.0.4]

断开(O) LANGUAGE 通信日志(L) 帮助(H)

读卡演示 基本参数 高级参数 ISO18000-6B 读写操作 EPC(GEN 2) 读写操作

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: 主动 通讯模式: 1-RS232/USB 读卡周期: 10 ms

功率大小: 30 dBi 外部触发方式: 关闭 相同ID输出间隔: 1 s

扬声器: 使能 读卡类别: EPC(GEN 2)单标签

跳频参数输入区

跳频使能: 使能 中国 美标 欧标 跳频值: 902.0 - 925.0 MHz

高级参数输入区

天线个数: ☒ 天线 1 ☐ 天线 2 ☐ 天线 3 ☐ 天线 4

获取参数(G) 设置参数(S) 默认所有参数(A) Net Init(X) Wifi Init

Time	Type	RCP Packet (HEX)	Details
09:27:33.492	RCP RSP	CC FF FF 81 00 00 B5	
09:28:50.194	RCP AUTO	CC FF FF 10 32 0D 01 E3 00 E3 00 02 00 34 38 00 00 00 00 B2	??
09:28:52.095	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 01 00 01 00 00 00 00 0A FD DD 1E	??
09:29:03.003	RCP AUTO	CC FF FF 10 32 0D 01 E2 00 20 69 81 0E 00 66 11 10 A6 5F 60	?? i?

CONNECTED COM1 9600 设备类型:PC - 设备版本:V3.65 - 通讯地址: 65535 操作 EPC 识别 成功

5. 至此,设置 OK,接入控制器再次测试;