Card reader connected controller data repeated modification method

1. Connect the card reader (fixed or integrated) to the controller (access control or parking lot controller), swipe the card with one or more cards, and write down the number displayed

   on the controller software for each card (card number 1); (the card and the display number need to correspond one by one)

2. Connect the card reader (fixed or portable) to the computer, and open the card reader demonstration software. Enter the demonstration interface, swipe the card for each card, and

   when you hear the sound of the card reader, click the identification button in the software to A 24-digit (12-byte) card number (card number 2) appears, as shown in Figure 1,

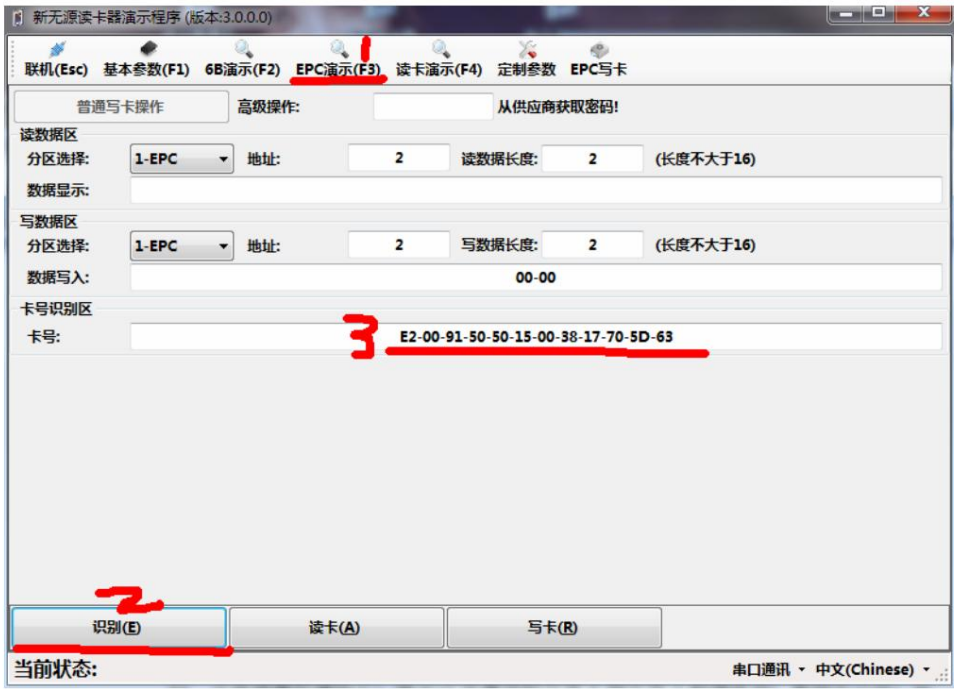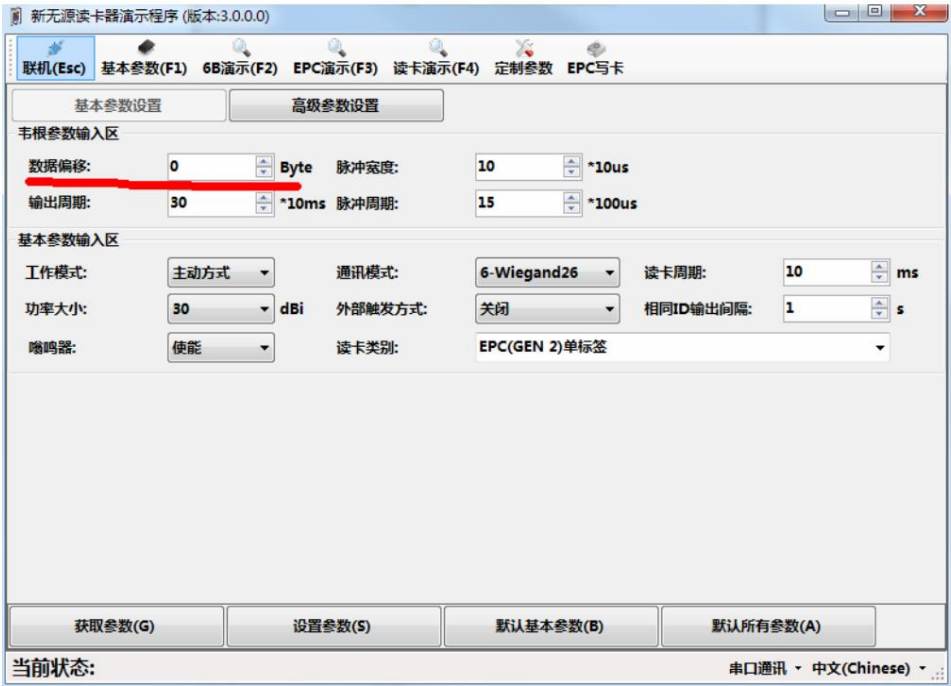   for recording; (the card and the displayed number need to be in one-to-one correspondence)
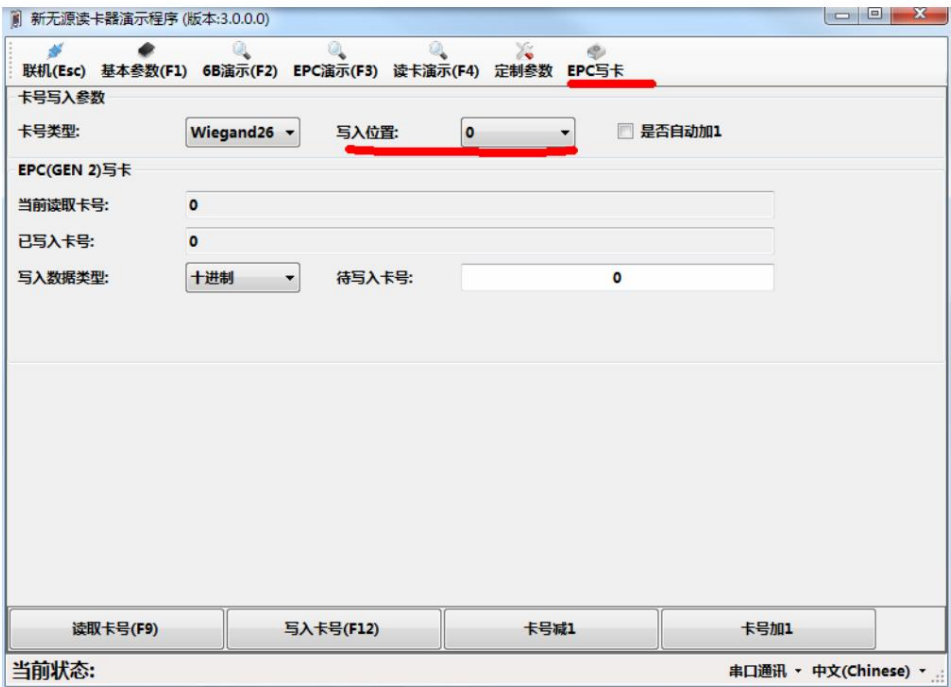

figure 1

3. Repeat steps 1~2 to obtain the data of multiple cards;

4. If it is confirmed that the card number has been written

   Through conversion (see point 7 below for the conversion method), find the position of card number 1 in card number 2, and offset the data in the Wiegand parameter of the card reader

Set the corresponding value;

5. If there is no card number written on the card

Through conversion, find the position of card number 1 in card number 2, set the data offset value in the Wiegand parameter of the card reader to the corresponding value, and switch to the card writing interface

Set the writing position to the corresponding value, and start writing to the card;

6. When conversion is not possible

Tell the manufacturer's technical staff the data of card number 1 and card number 2 in steps 1--3, and ask him to help you; (please provide the data of multiple cards)

7. Conversion method:

a)   Direct lookup of hexadecimal card number:

Card number 1: 00 70 5D 63 or 70 5D 63 or 705D63

Card number 2: E2-00-91-50-50-15-00-38-17-70-5D-63 Method: Direct search, E2

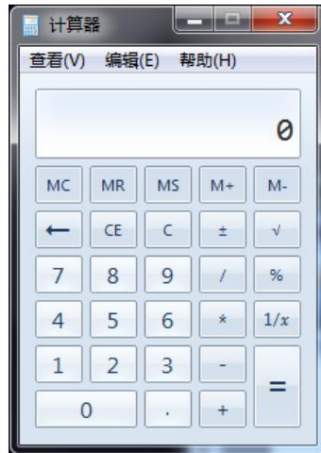in card number 2 is 0, card number 1 is 9 in card number 2;

b) Decimal card number conversion search:

Card number 1: 7363939 or 07363939 or 0007363939

Card number 2: E2-00-91-50-50-15-00-38-17-70-5D-63

method:

ÿ Using a PC calculator, open the calculator

ÿ Select "Programmer" mode

ÿ Select decimal and input 7363939

ÿ Select hexadecimal, get 70 5D 63

ÿ Search, E2 in card number 2 is 0, and the position of 70 5D 63 in card number 2 is 9;

c)   Standard Wiegand card number conversion search:

Card number 1: 11223907 or 112, 23907 or 112 23907

Card number 2: E2-00-91-50-50-15-00-38-17-70-5D-63

Method:

ÿ Convert the first three digits 112 as decimal to hexadecimal to get 70. The conversion method is as in Example 2;

ÿ Convert the last five digits 23907 as decimal to hexadecimal to get 5D63, which together is 70 5D 63;

ÿ Search, E2 in card number 2 is 0, and the position of 70 5D 63 in card number 2 is 9;