

Document Version V1.0 2014-10-20

TT43

Data Acquisition Terminal

High Frequency RFID

Demo User Manual



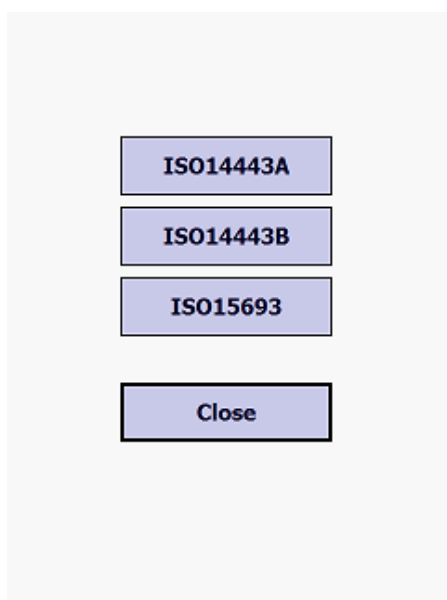
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Yuhao Tian
2014/10/20

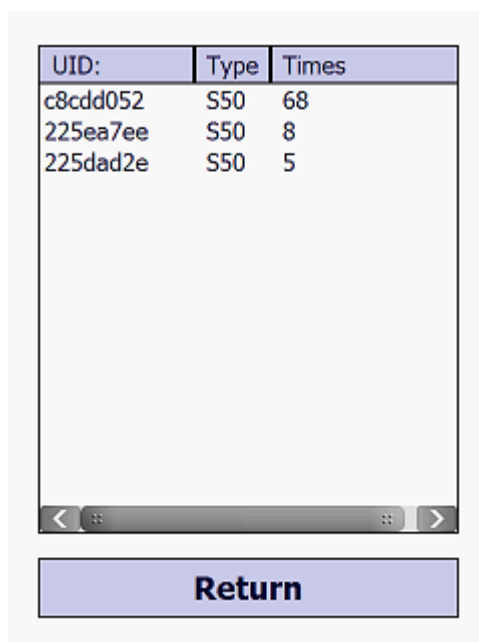
High Frequency RFID Demo User Manual

Copy 4.TT43W HF_RFID_Device.exe application into the device. The application can be found under ‘Start-Program-File Explorer’. Open the application as figure shows below.



1. ISO14443A

1.1 Enter 14443A protocol recognition, reading, and writing screen as figure below by pressing ISO14443A button.



1.2 Enter writing mode by pressing the UID number of the card. Press Read for reading, and press Write for writing as figure shows below.

The screenshot shows two panels. The left panel displays a table of card information:

UID:	Type	Times
c8cdd052	S50	68
225ea7ee	S50	8
225dad2e	S50	5

Below the table is a 'Return' button. The right panel is titled 'Card information' and shows:

UID: 3cdd052
Sector: 16 Size: 16B
PartA: 0~16 Section 4 block
PartB:

Below this is the 'Operate information' section with a red box labeled 'e-wallet' and a red arrow pointing to it with the text 'Enter E-wallet'. The 'Sector' field is set to 0, and the 'BlockNo.' field is set to 0. A red arrow points to the 'Sector' field with the text 'Sector number to read from or to write into'. The 'Data' field contains the text 'This block no access!'. A red arrow points to the 'Data' field with the text 'Read data or data to be written, and system prompt'. At the bottom are three buttons: 'Read', 'Write', and 'Return'.

1.3 Enter e-wallet by pressing e-wallet button, as figure shows below.

The screenshot shows the 'e-wallet' interface. It has a title 'e-wallet' and several input fields:

- 'Src Block:' with the value 5. A red arrow points to it with the text 'E-wallet block number'.
- 'Des Block:' with the value 6. A red arrow points to it with the text 'E-wallet add and minus operation block number (Optional)'.
- 'Value:' with the value 3200 and a '+/-' sign. A red arrow points to it with the text 'Value to be written into the Src Block'.
- 'Information:' with a red arrow pointing to it with the text 'Value to minus or add into the Src Block'.

Below the input fields is a red box containing several buttons:

- 'Add' and 'Decresment' (Note the typo in the image).
- 'Read' and 'Write'.
- 'Add To' and 'Dec To'.
- 'Active' and 'Close'.

Red arrows point to the 'Add' and 'Decresment' buttons with the text 'Add and minus operation only on the Src Block'. A red arrow points to the 'Add To' and 'Dec To' buttons with the text 'Use two blocks to make add and minus operations (Optional)'. A red arrow points to the 'Active' and 'Close' buttons with the text 'Add to or minus from Src Block, and write the result in Des Block, while the value remain the same in Src Block'.

Enter the value into the first textbox of 'Value', and press 'Write', the value will be written into the Src Block. Press 'Read' at this time, the value in the Src Block will show in the first textbox of 'Value', and the current operating Src Block number will be shown in the Information textbox. Enter the value you want to add or subtract from the Src Block, press 'Add' or 'Decresment', the result will be written into the Src Block. Press 'Read' at this time, the value in the Src Block will show in

the first textbox of ‘Value’ , and the current operating Src Block number will be shown in the Information textbox.

If users want two blocks to do add and subtraction, users can enter another block number into ‘Des Block’ . At this time the first textbox of ‘Value’ is the current value in Src Block , and the value in second textbox is the value going to be added to or subtracted from Src Block. Click the ‘Add To’ , ‘Dec To’ button to write the result of add and minus operation into the Des Block, ‘Information’ textbox will show ‘MfcIncresementTransfer or MfcDecresementTransfer’ , while the value of Src Block remains the same. At this time users can change the number of Src Block to the number of Des Block, and press read to verify that the value in the Des Block is the result of operation. If it says you do not have card permission, you can click the Active button to get the permissions.

2. ISO15693

2.1 Click 15693 button to enter 15693 protocol recognition, reading, and writing screen as figure below.

UID:	Times
e00401007862e4d4	82

UID:

Blocks: Size:

Operate Block: Size

Data:

Enter writing mode by pressing the UID number of the card. Press Read for reading ,and press Write for writing as figure shows below.

UID:	Times
e00401007862e4d4	53

UID: e00401007862e4d4

Blocks: 28 Size: 4

Operate Block: Size

Data:

Read

Write

Return

