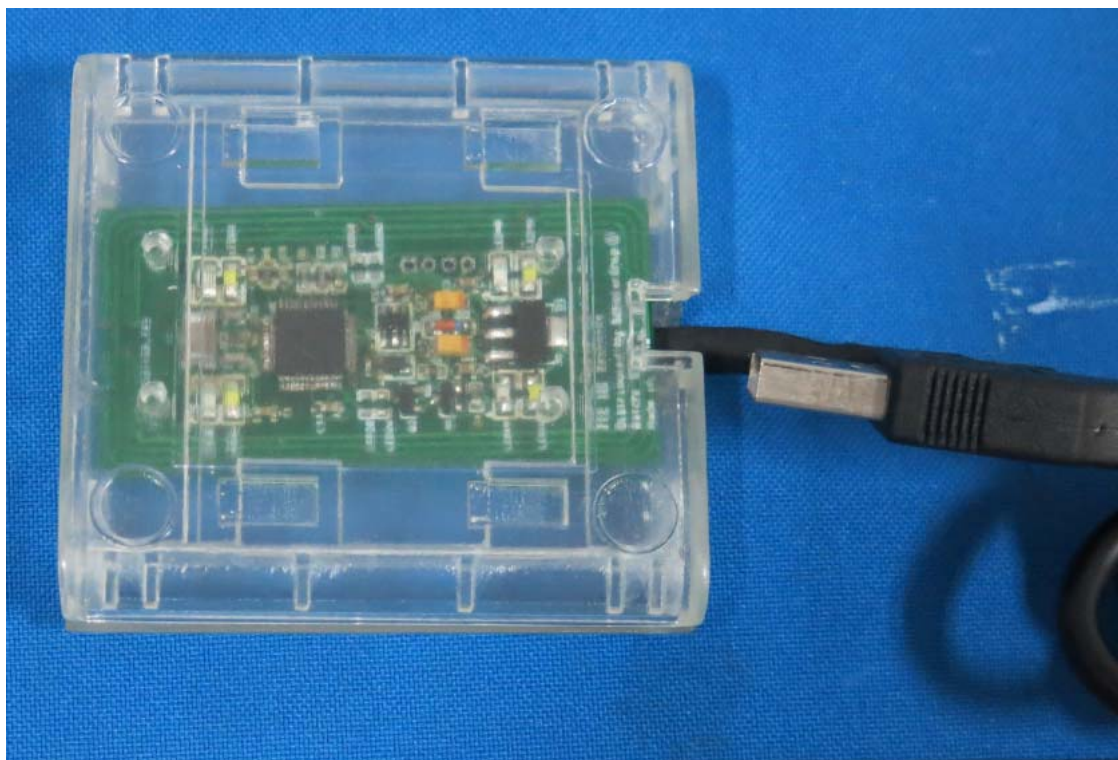


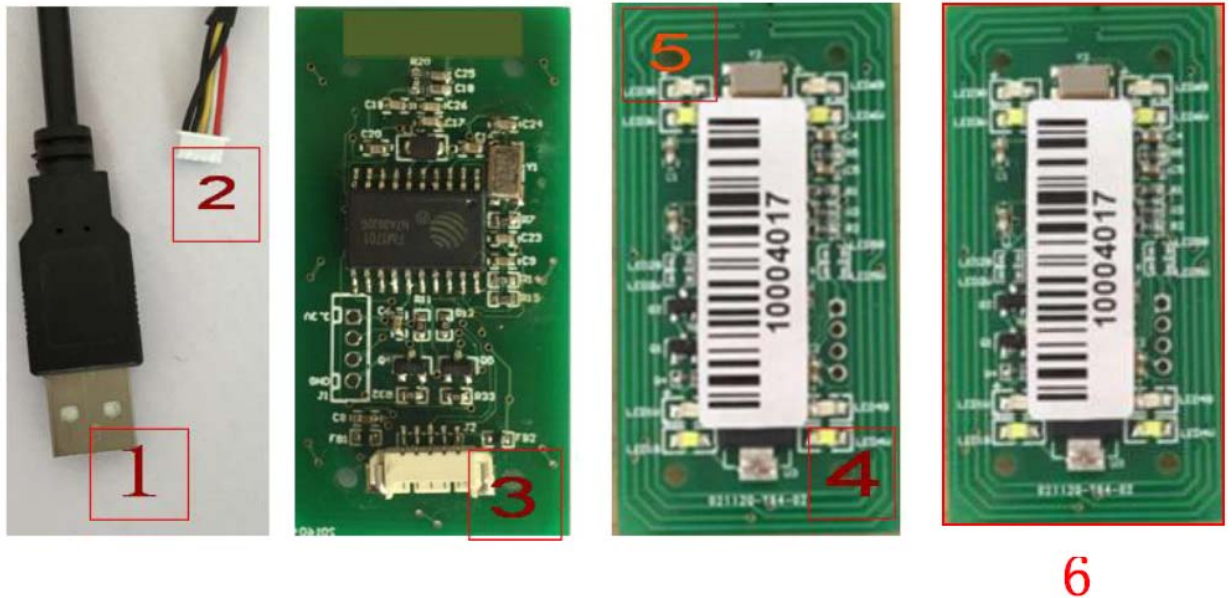
JIANGMEN WINLONG INDUSTRIAL ROBOT CO., LTD

SMART CARD READER

SCC-RF-MI-C401 User Manual



Make sure USB port (1) connects to PC ,another port (2) connects to reader port (3), check the white LED models (4), the status indicator (5) reading and writing area (6)

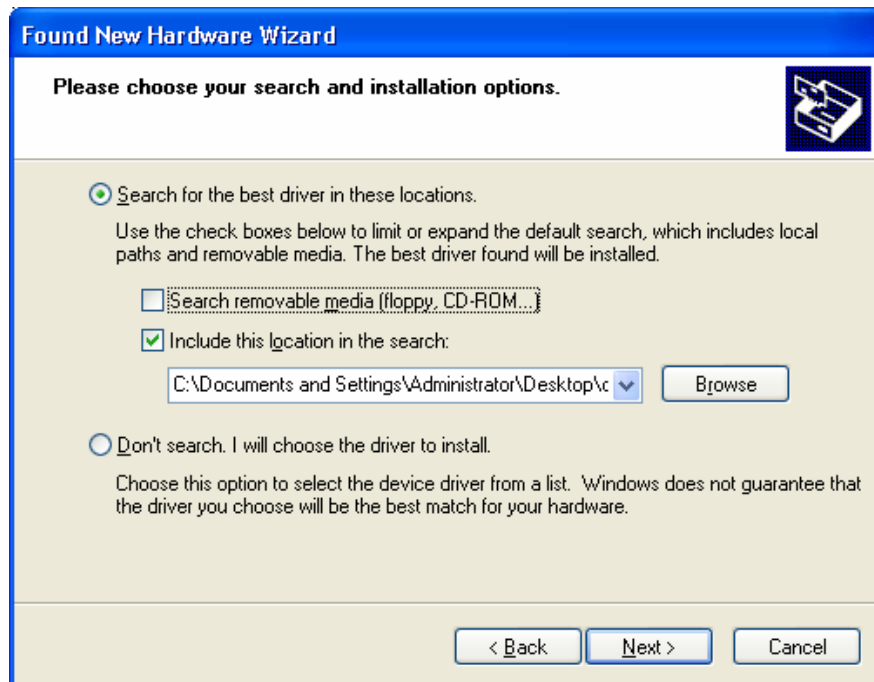


First ,Driver installation process

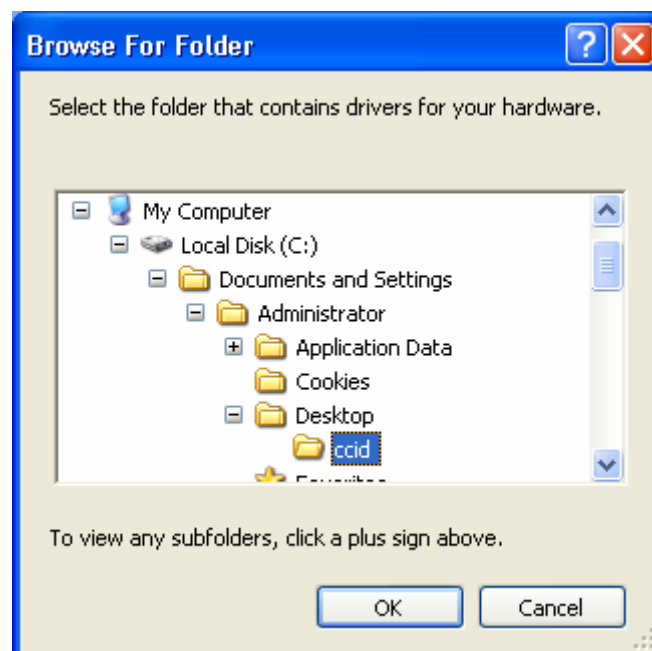
1.1,At this point you will see in the lower right corner of the Windows Found New Hardware prompt, Eject Hardware Update Wizard



1.2, Select "setup from listed or specified location", click "Next" then

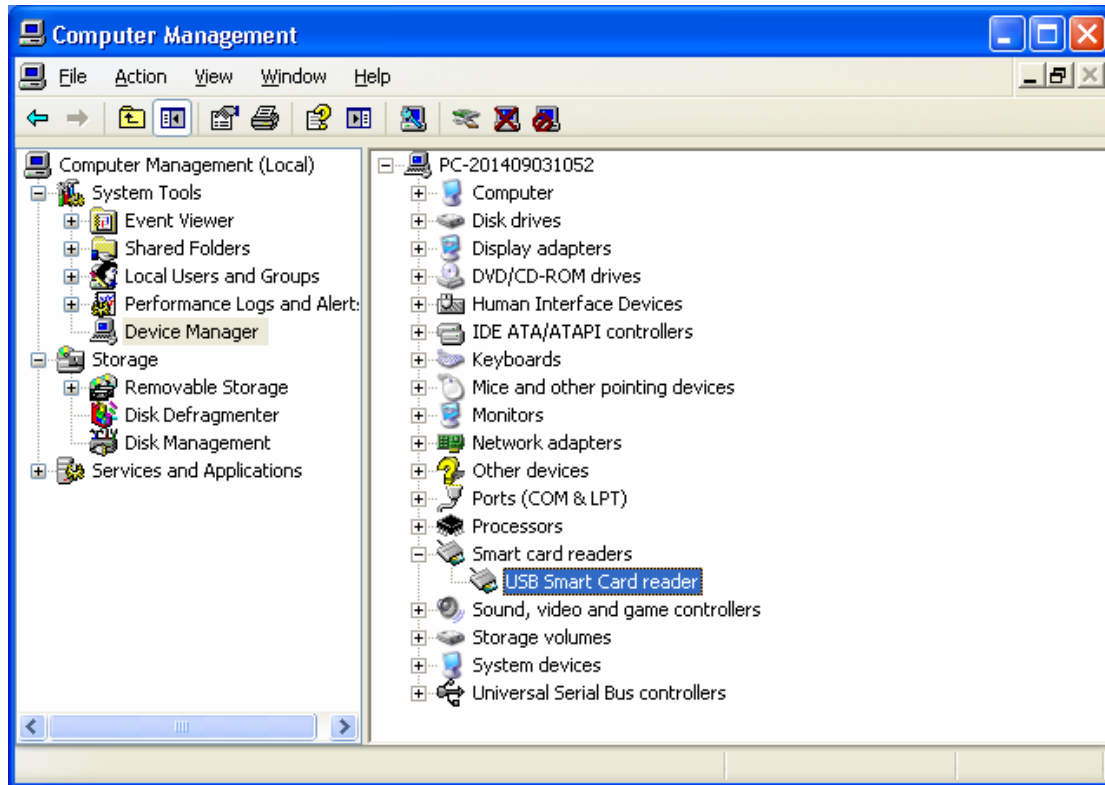


1.3, Select "Search for the best driver in these locations" and then "Include this location in the search" tick, click Browse, select the folder to ccid driver, click Next



1.4, Click Browse, select the ccid driver folder, click OK, immediately after the completion of

1.5, After installing the device driver in the Device Manager can be seen inside the device is smart USB Smart Card Reader Card reader under



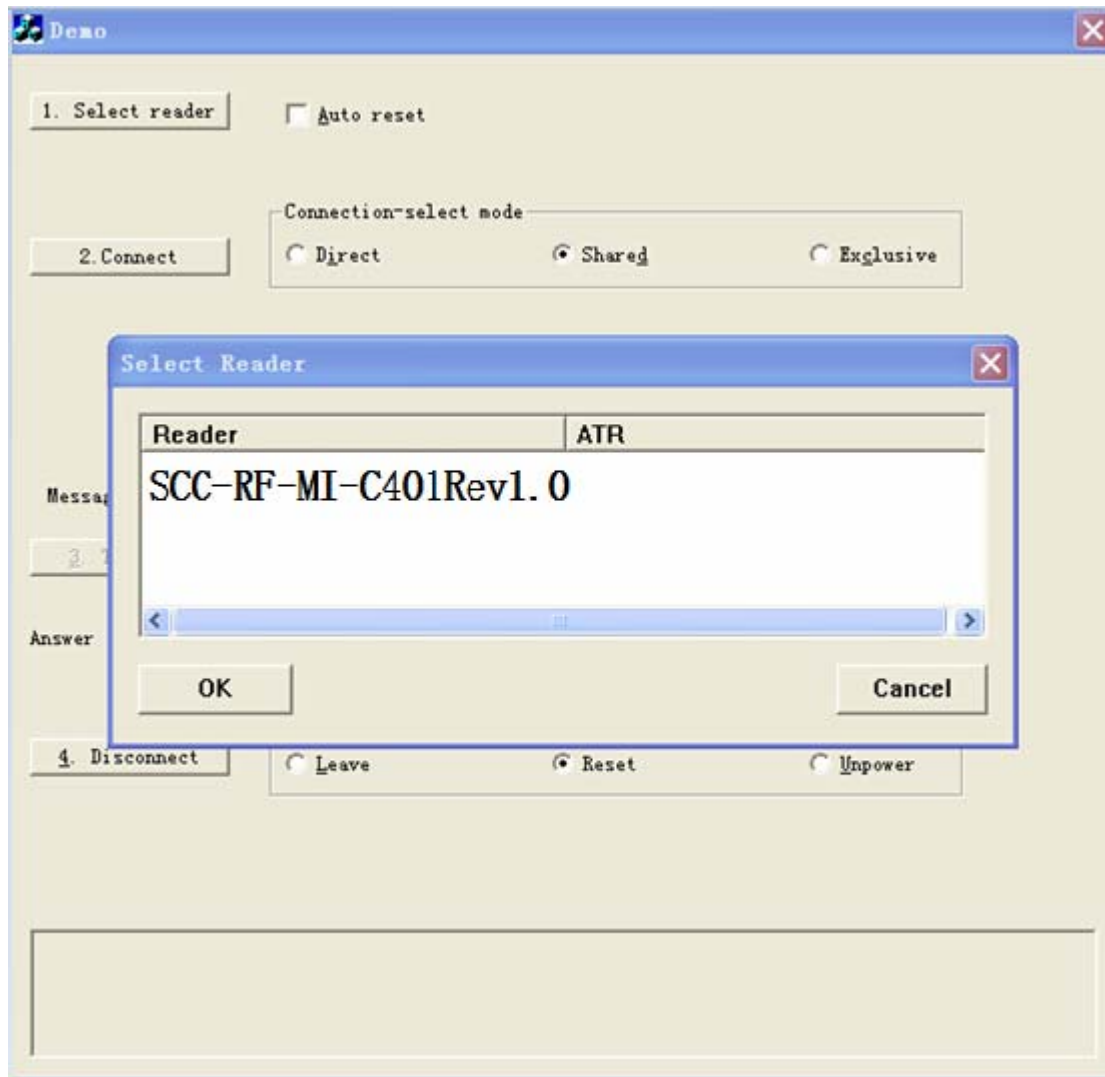
Second, Device Test

2.1, After the device driver is installed, open the demo folder, open demo.exe, under normal circumstances it should appear directly like below shown.

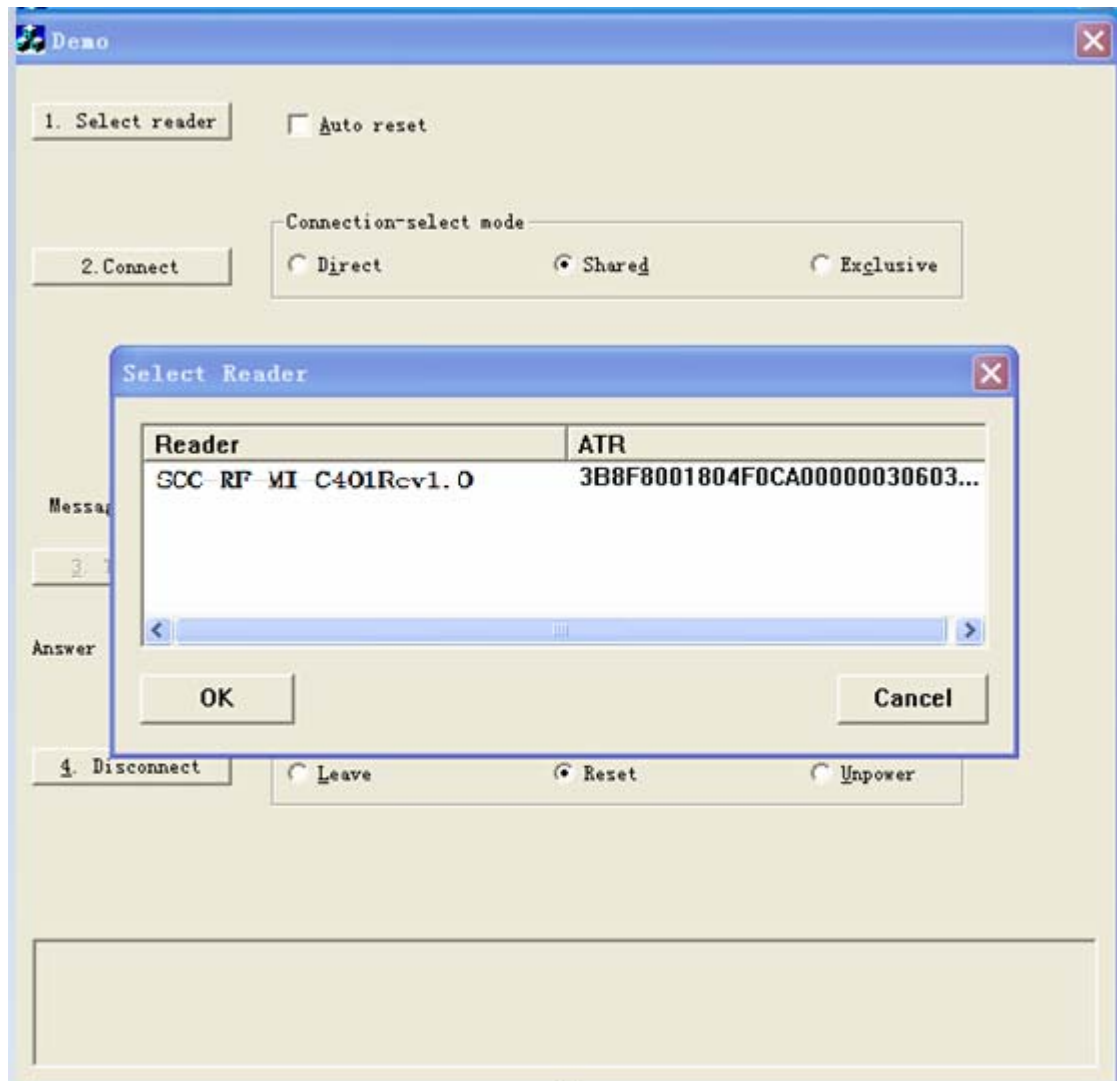
The screenshot shows a 'Demo' application window with a blue title bar and a standard Windows-style close button. The window contains several interactive elements:

- 1. Select reader**: A button in the top left.
- Auto reset**: A checkbox located to the right of the '1. Select reader' button.
- 2. Connect**: A button located below the '1. Select reader' button.
- Connection-select mode**: A group box containing three radio buttons:
 - Direct**: Unselected.
 - Shared**: Selected (indicated by a filled circle).
 - Exclusive**: Unselected.
- Connection Protocol**: A group box containing three radio buttons:
 - Undefined**: Unselected.
 - TQ**: Selected (indicated by a filled circle).
 - TI**: Unselected.
- Message to card:**: A text label followed by a text input field containing the hexadecimal string '00 a4 00 00 02 3f00'.
- 3. Transit**: A button located below the 'Message to card' field.
- Stress**: A checkbox located to the right of the '3. Transit' button.
- Interval (ms)**: A text label followed by an empty text input field.
- Answer from the card:**: A text label followed by an empty text input field.
- 4. Disconnect**: A button located below the 'Answer from the card' field.
- Disposition on disconnecting**: A group box containing three radio buttons:
 - Leave**: Unselected.
 - Reset**: Selected (indicated by a filled circle).
 - Unpower**: Unselected.
- Output Area**: A large, empty rectangular box at the bottom of the window, likely for displaying logs or data.

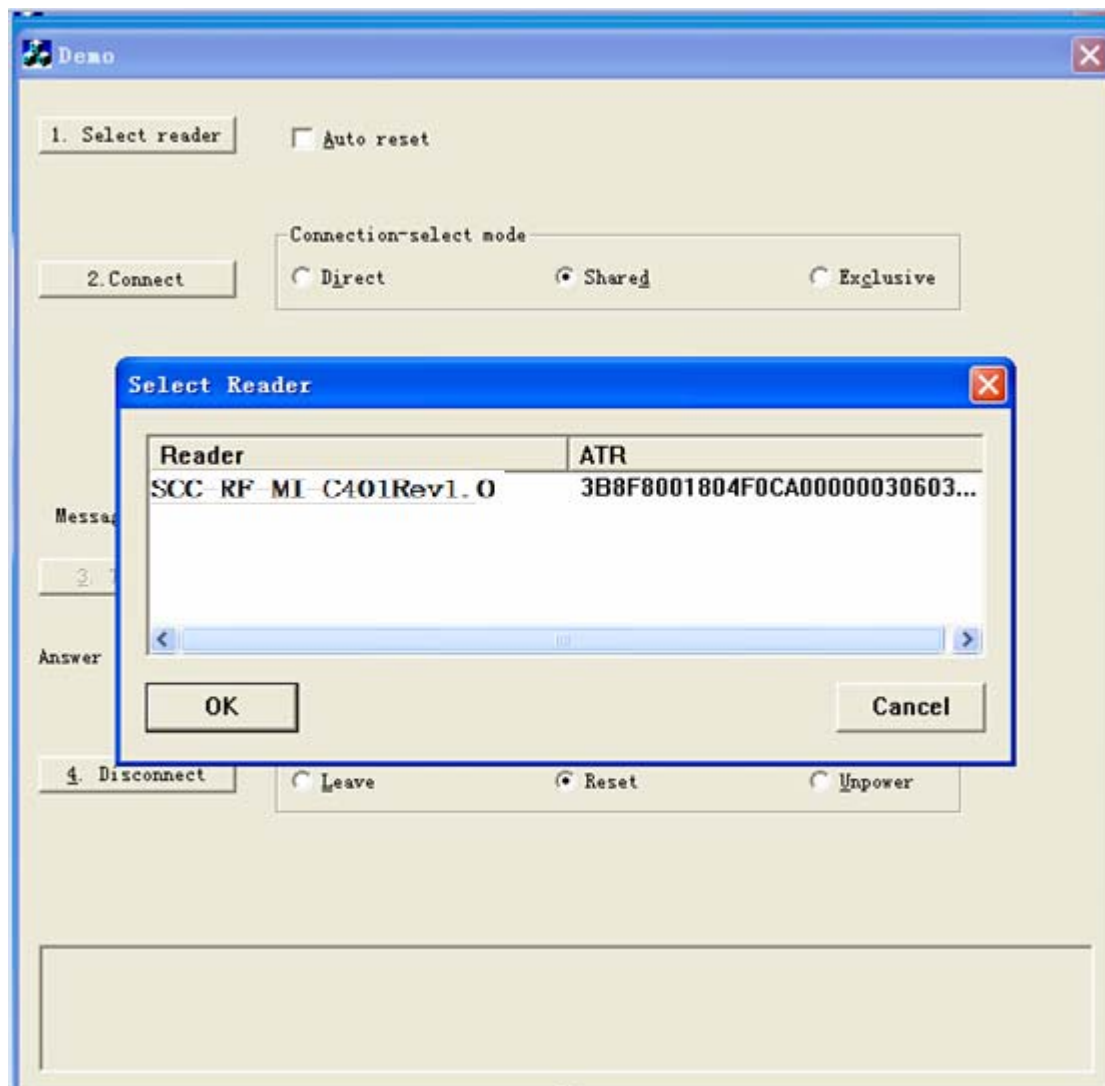
2.2, Click “select reader”, the reader will be able to detect the card reader in a column reader



2.3, Follow the instructions on the card reader logo, placed on reading and writing area (6), the white status indicator (5) bright green, the reader buzzer sounds, will appear in the ATR column card information, as shown below.



2.4, Click on a column "reader", reader information below, then "OK"



2.5, In the "Connection Protocol" select "T1", then click on "2, connect", properly connected, the following "3, transmit" will become available from gray.

Demo

1. Select reader ☐ Auto reset

2. Connect

Connection-select mode

☐ Direct ☒ Shared ☐ Exclusive

Connection Protocol

☐ Undefined ☐ TQ ☒ I1

Message to card: 00 a4 00 00 02 3f00

3. Transmit ☐ Stress Interval (ms)

Answer from the card:

4. Disconnect

Disposition on disconnecting

☐ Leave ☒ Reset ☐ Unpower

2.6, the message to enter the card's box "ffca000000", then "3, transmit", will appear the following answer from reader M1 UID numbers (before 8 digits), and finally the bit for 900

1. Select reader ☐ Auto reset

2. Connect Connection-select mode: ☐ Direct ☒ Shared ☐ Exclusive

Connection Protocol: ☐ Undefined ☐ TQ ☒ I1

Message to card: ffca000000

3. Transmit ☐ Stress Interval (ms)

Answer from the card: D07929009000

4. Disconnect Disposition on disconnecting: ☐ Leave ☒ Reset ☐ Unpower

2.7, Finally, the card reader scored from the reader buzzer beep, white status indicator (5) lights red.

Three, card reader and card use

3.1, The card reading device and a computer connected, open the TXT text, the consumer card is placed on the card reader, whether to hear "drop" sound or read card device lights, if heard to "drop" sound or read card device lamp in the bright flash, and TXT text in a consumer card information appears, indicating that the normal

3.2, If you can not hear the "drops" or card reader lights flashing, and no consumer card information appears in the TXT text, then it is not normal, you can check the connection between the card reader and the computer is normal. Can also check whether the IC card into the correct. Otherwise you will fail to read the card.

Four, read card applications

4.1, SCC-RF-MI-C401Rev1.0 card reader is a development of smart card application and system integration of terminal equipment, identity authentication, e-commerce, financial institutions, information security, access control and identity and other security applications, the ideal solution.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
