

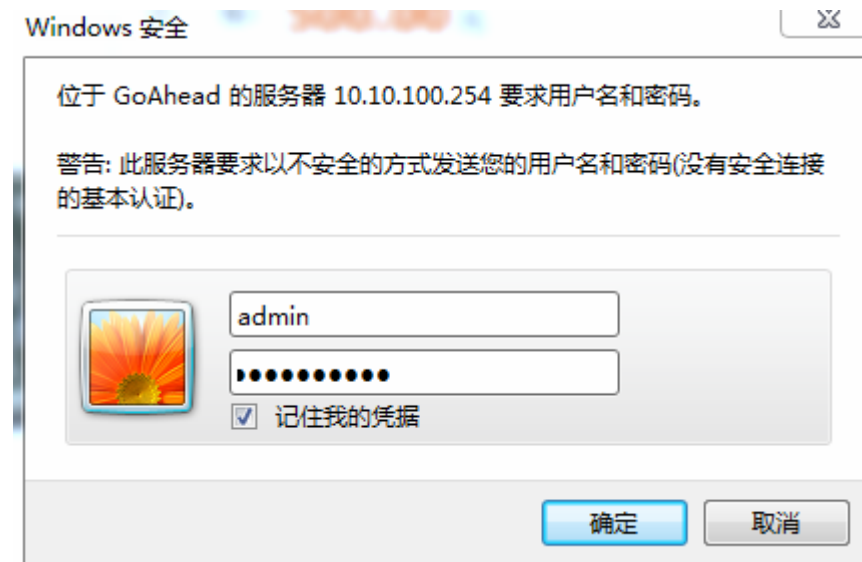
WIFI Basic Parameter Setting Guidelines

- 1、 In the belt WIFI reader on the correlation parameter Settings, make sure a good time:
- 2、 reader power supply is connected?

3、 If there is related **HF-A11x_AP** 有限的访问权限  WIFI network。

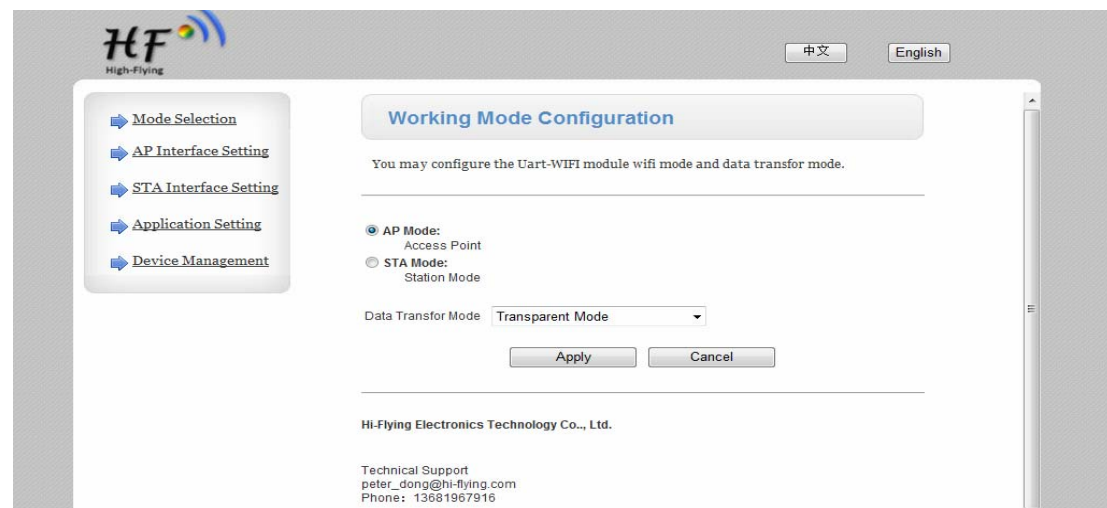
4、 Connected to the corresponding WIFI network Settings

In determining the steps above connection, open a browser, input: < http://10.10.100.254 > appear as follows interface:



Input the user name: admin
Password: admin.

Click on the **确定**, Into the interface:



Click on the:  Application Setting , appear:

Uart Setting	
Baudrate	9600 ▼
Data Bits	8 ▼
Parity	None ▼
Stop	1 ▼
CTSRTS	Disable ▼

Apply

Cancel

UART AutoFrame Setting	
UART AutoFrame	Disable ▼

Apply

Cancel

Network Setting	
Mode	Server ▼
Protocol	TCP ▼
Port	8899
Server Address	10.10.10.100
MAX TCP Num. (1~32)	32

Sure good: : 9600, Other Settings as follows

Uart Setting	
Baudrate	9600 ▼
Data Bits	8 ▼
Parity	None ▼
Stop	1 ▼
CTSRTS	Disable ▼

Then click:  ,

Then in the following interface:

Network Setting	
Mode	Server ▼
Protocol	TCP ▼
Port	8899
Server Address	10.10.10.100
MAX TCP Num. (1~32)	32
TCP Time out (MAX 600 s)	300

Sure good: related network Settings.

Now is set to: Server as an example. Demo how to through the WIFI communication.

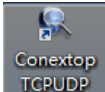
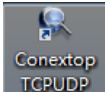
Above setting parameter setting, reading and writing in the new power on.

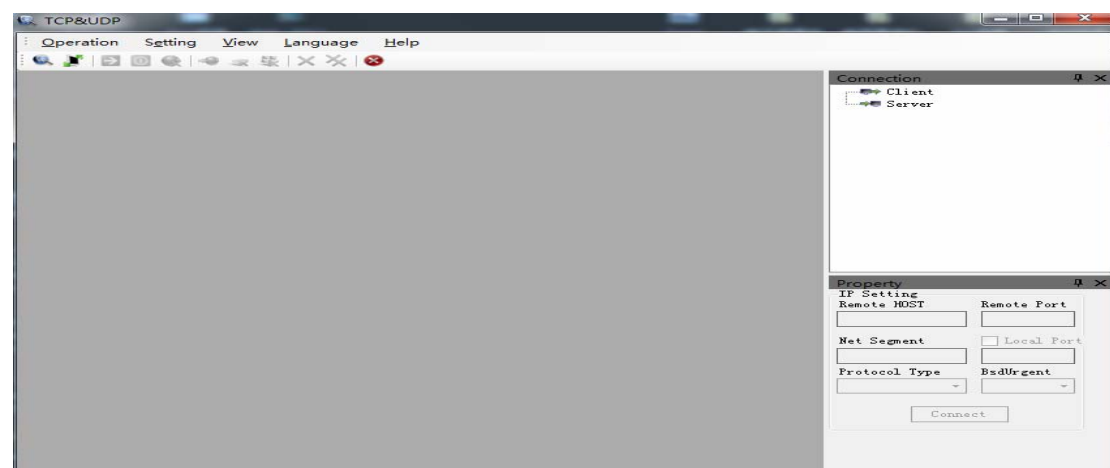
A computer once again linked to: **HF-A11x_AP** 有限的访问权限  network,
Further testing.

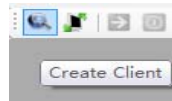
Test procedure is as follows:

Open the folder:  **TCPUDP** , According to the normal step installed TCP/UDP.

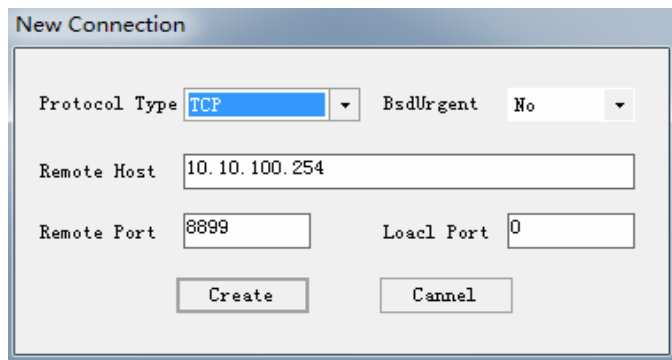
After downloading the software ICONS appear as follows:  , In the open software before, first set up local network IP address: general set to: 10.10.100. XXX (XXX for: 1 to 255. Except 254 outside), double click to open software

 :  , Appear as follows interface:





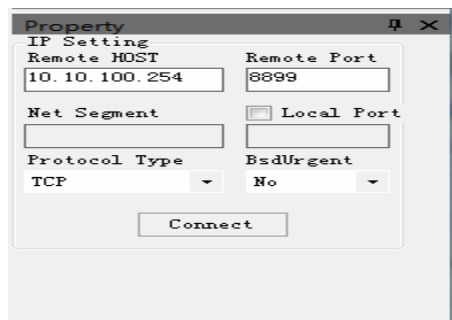
Click on the:  Appear as follows interface:



The 'New Connection' dialog box contains the following fields and controls:

- Protocol Type: **TCP** (dropdown menu)
- BsdUrgent: **No** (dropdown menu)
- Remote Host: **10.10.100.254** (text input)
- Remote Port: **8899** (text input)
- Local Port: **0** (text input)
- Buttons: **Create** and **Cannel** (note the typo in the image)

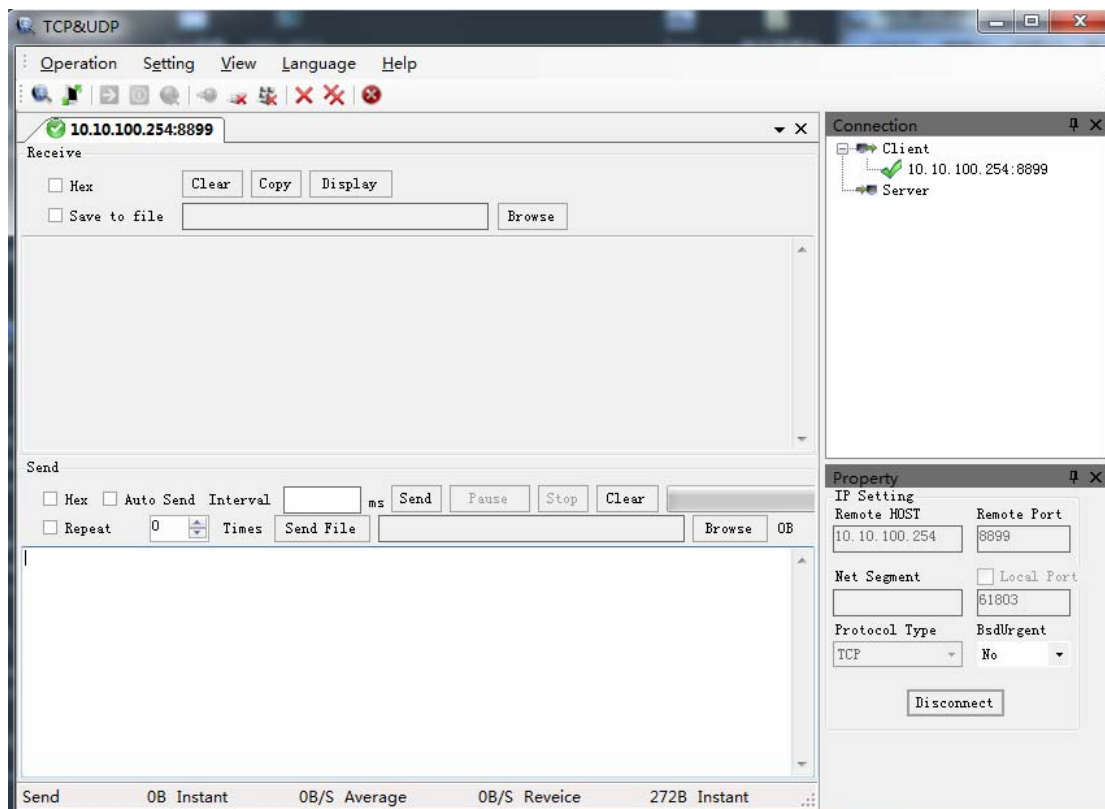
According to the above parameters fill in. Then click: ,
In the lower right operation interface:



The 'Property' dialog box contains the following fields and controls:

- IP Setting: **Remote HOST** (10.10.100.254), **Remote Port** (8899)
- Net Segment: (empty text input)
- Local Port: ☐ (checkbox)
- Protocol Type: **TCP** (dropdown menu)
- BsdUrgent: **No** (dropdown menu)
- Button: **Connect**

Click on the: , If after the success, can appear the interface:



The main interface of the TCP&UDP application shows the following components:

- Menu Bar:** Operation, Setting, View, Language, Help
- Toolbar:** Icons for file operations and connection status.
- Connection List:** Shows a successful connection to **10.10.100.254:8899** with a green checkmark. It lists **Client** and **Server** roles.
- Receive Section:** Includes checkboxes for **Hex** and **Save to file**, and buttons for **Clear**, **Copy**, **Display**, and **Browse**.
- Send Section:** Includes checkboxes for **Hex** and **Repeat**, a text input for **Auto Send Interval** (ms), and buttons for **Send**, **Pause**, **Stop**, **Clear**, **Send File**, **Browse**, and **OB**.
- Status Bar:** Displays **Send**, **OB Instant**, **OB/S Average**, **OB/S Revice**, and **272B Instant**.

Then in this area:

Receive

☐ Hex

☐ Save to file

Send

Make ☐ Hex ticked, into: ☒ Hex, Click on: , into: .

The final area into:

Receive

☒ Hex

☐ Save to file

Then the related tags placed in reader read range, can see the corresponding card number:

Receive

☒ Hex

Clear

Copy

Hide

☐ Save to file

Browse

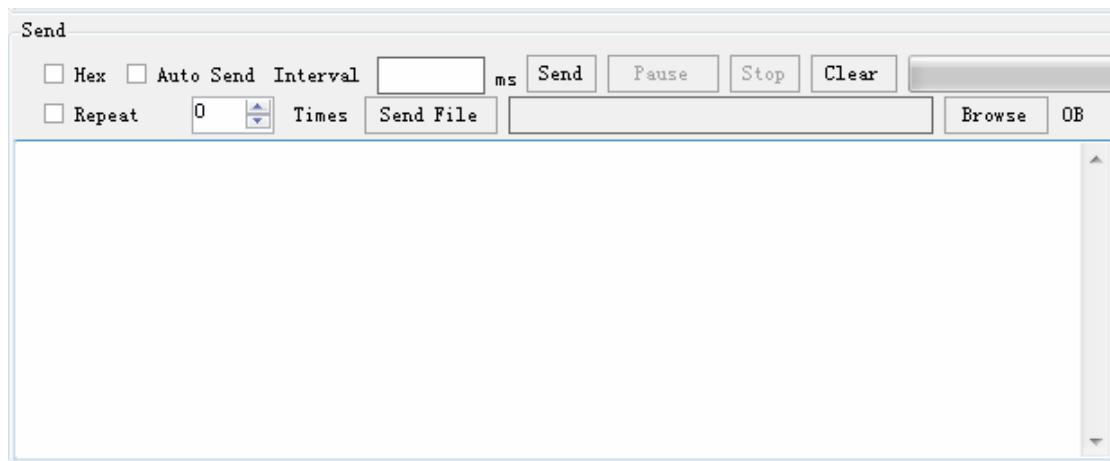
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00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC
FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00
EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00
00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00
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00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01
40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9
01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD D9 01 40 00 00 00 00 EC FF 00 00 30 08 33 B2 DD
D9 01 40 00 00 00 00 EC FF

```

This function demo is to prove that: the reader to send no problem. Then verify reader receiving no problem.

In the following areas:

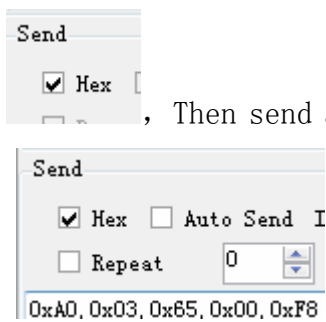


The 'Send' dialog box contains the following controls:

- ☐ Hex
- ☐ Auto Send
- Interval: ms
- Buttons: Send, Pause, Stop, Clear
- ☐ Repeat
- 0 (spin box)
- Times
- Buttons: Send File, , Browse
- OB
- A large empty text area for data entry.

checked: ☐ Hex , into: ☒ Hex , Then send a reset read head command:

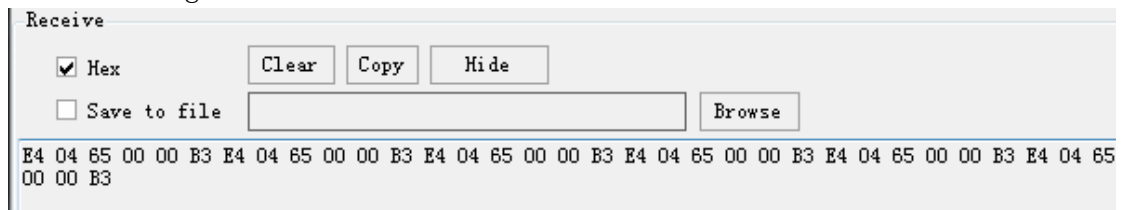
0xA0, 0x03, 0x65, 0x00, 0xF8



The 'Send' dialog box with the following state:

- ☒ Hex
- ☐ Auto Send
- Interval: ms
- Buttons: Send, Pause, Stop, Clear
- ☐ Repeat
- 0 (spin box)
- Times
- Buttons: Send File, , Browse
- OB
- The large text area contains the hex string: 0xA0, 0x03, 0x65, 0x00, 0xF8

In receiving area:



The 'Receive' dialog box contains the following controls:

- ☒ Hex
- Buttons: Clear, Copy, Hide
- ☐ Save to file
-
- Buttons:
- A text area displaying received data in hex: E4 04 65 00 00 B3 E4 04 65 00 00 B3 E4 04 65 00 00 B3 E4 04 65 00 00 B3 E4 04 65 00 00 B3 E4 04 65 00 00 B3

Proof reader receive no problem.