WifiNFC User Guide

(Beta version)

PC GUIDE

Step 1

Start up the WifiNFC device. It would create a wifi network automatically.
By default the wifi SSID is **HL-LINK_xxx**. The default password is **12345678**

Visit the page: **http://192.168.16.254/ser2net.asp**
- Username: **admin**
- Password: **admin**

Step 2

Client Mode:

The WifiNFC reader works as a wireless device joining your wifi network. Any wireless device such as PC or phone could visit it.


Configure it as shown above. Instead of typing SSID, you could also click **Scan** to search your SSID.

	Current	Updated	
Serial Configure:	115200,8,n,1	9600, 8, n, 1 ✕	Set BAUD to 9600
Serial Framing Lenth:	64	64	
Serial Framing Timeout:	10 milliseconds	10 milliseconds (< 256, 0 for no timeout)	
Network Mode:	server	Server ▼	
Remote Server Domain/IP:	192.168.11.245	192.168.11.245	
Locale/Remote Port Number:	8080	8080	
Network Protocol:	tcp	TCP ▼	
Network Timeout:	0 seconds	0 seconds (< 256, 0 for no timeout)	

Then, click Apply ⟶ | Apply | Cancel |

After click Apply, the NFC reader would restart and act as a client in your wifi network.

Down load TCP Test Tool (Official source or other source) and install it.
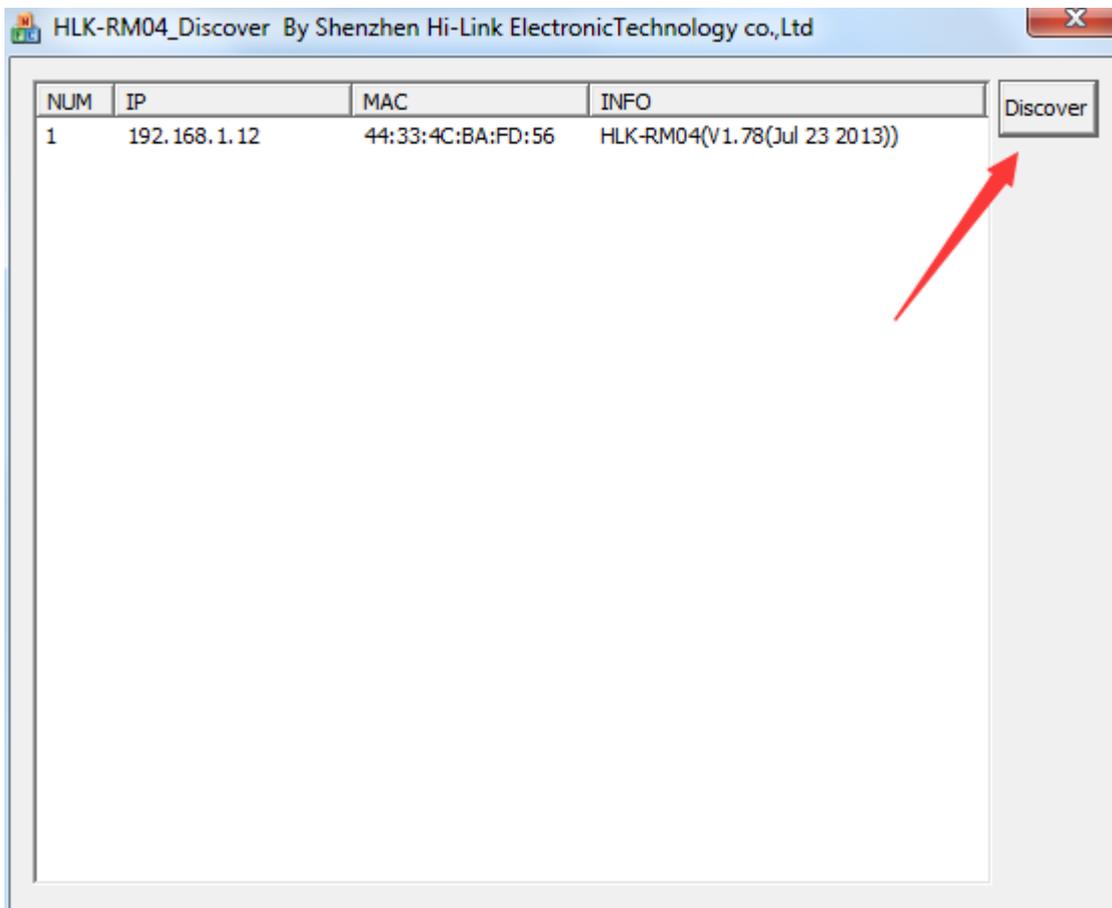
Step 3
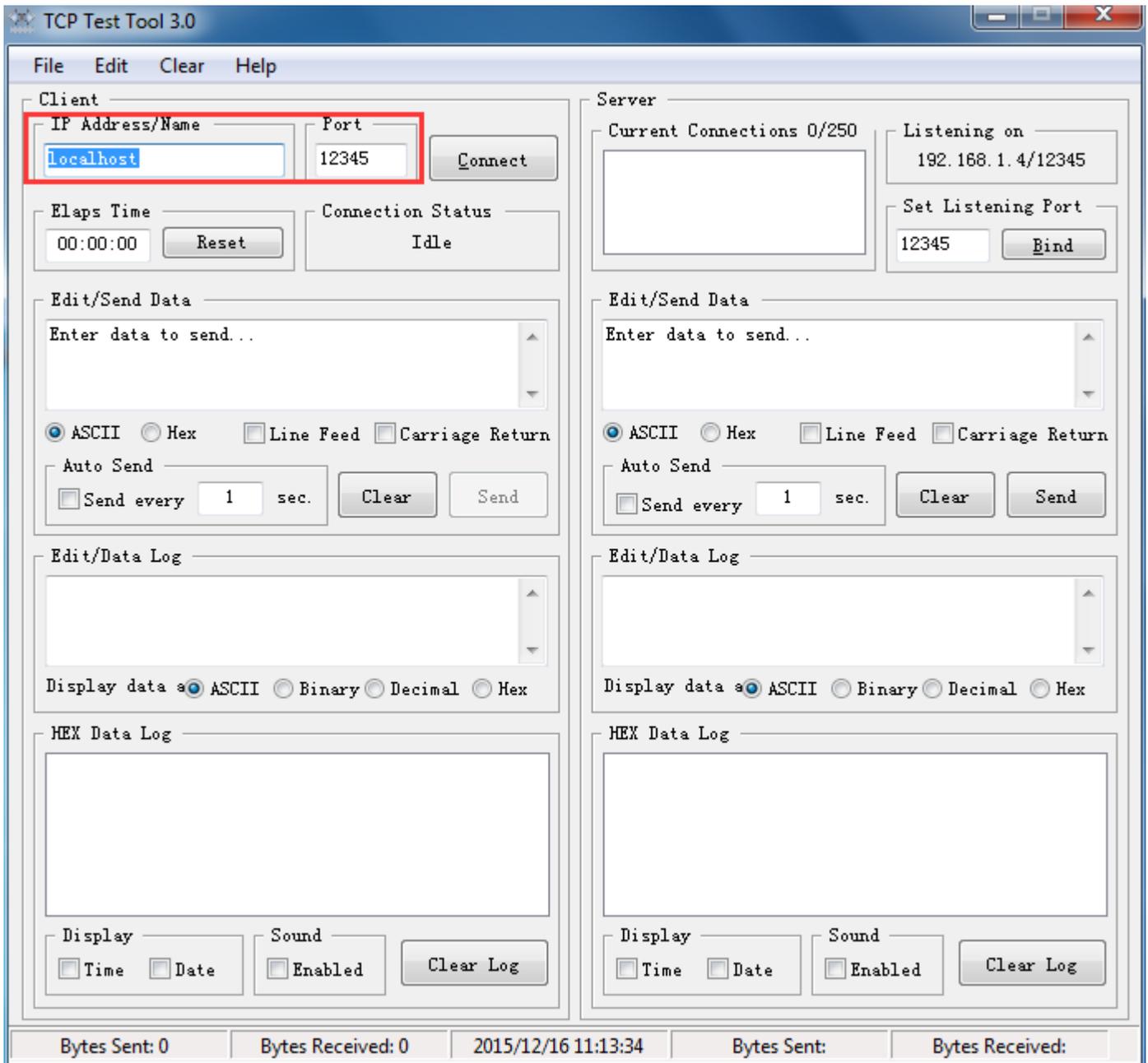
Here we need to enter the NFC reader's IP and port number. Port number is **8080** as we set in previous step.

If you chose **Static** ip on the first step, enter the ip address as you set.
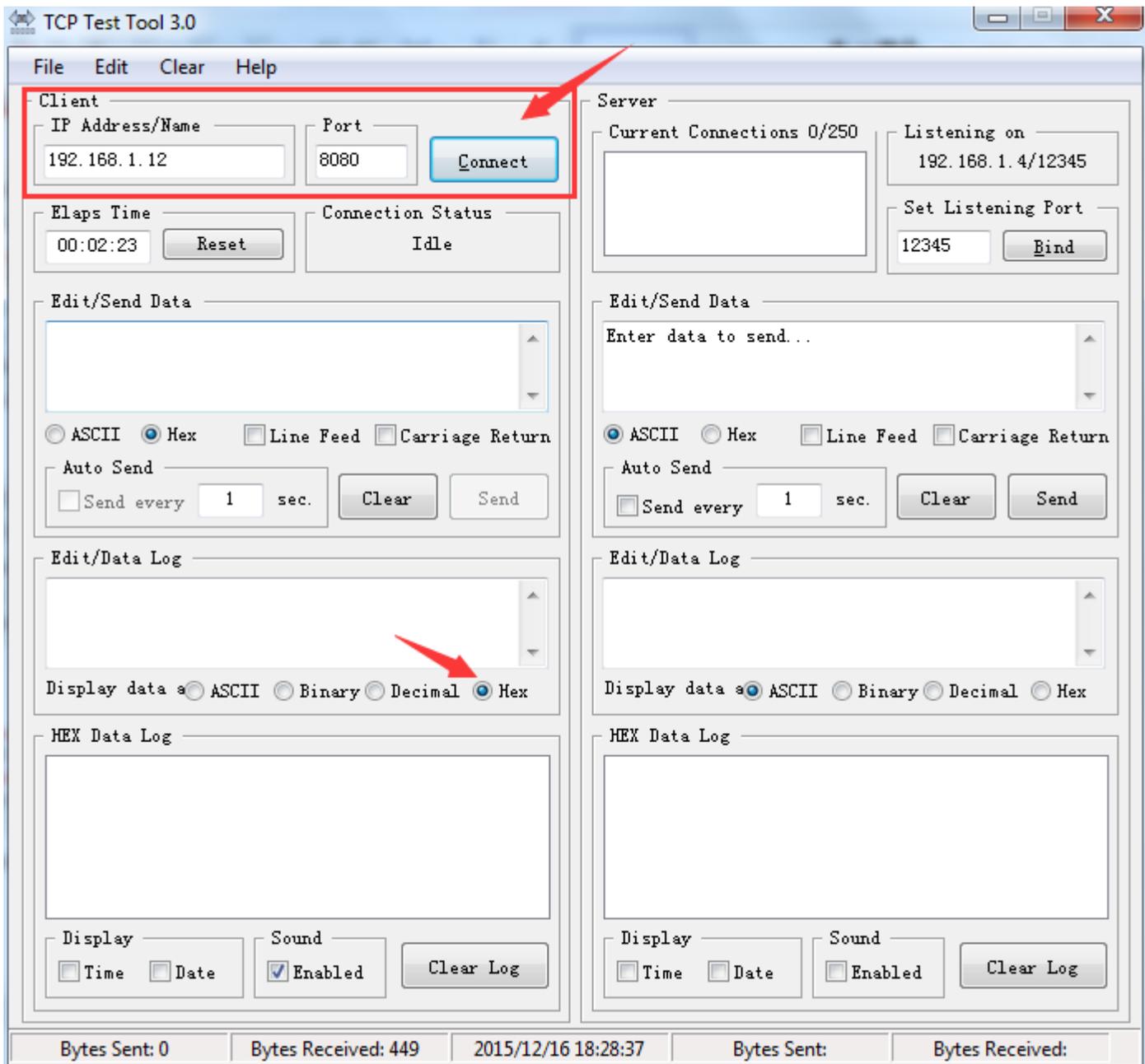
If you chose **DHCP** on the first step, we need to find the ip address. Download RM04-Discover tool. Run it.

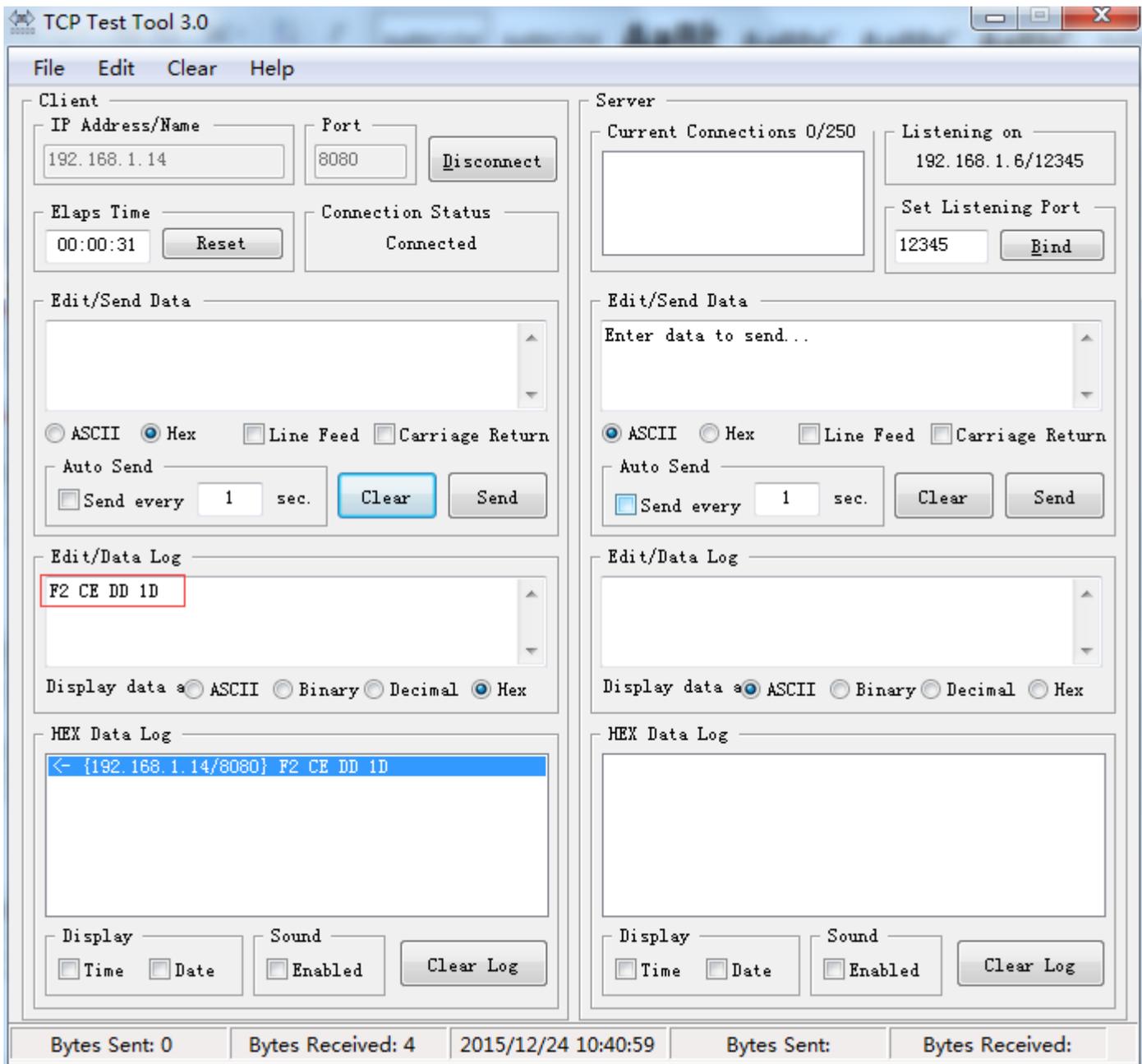Click Discover and you could easily get the ip.
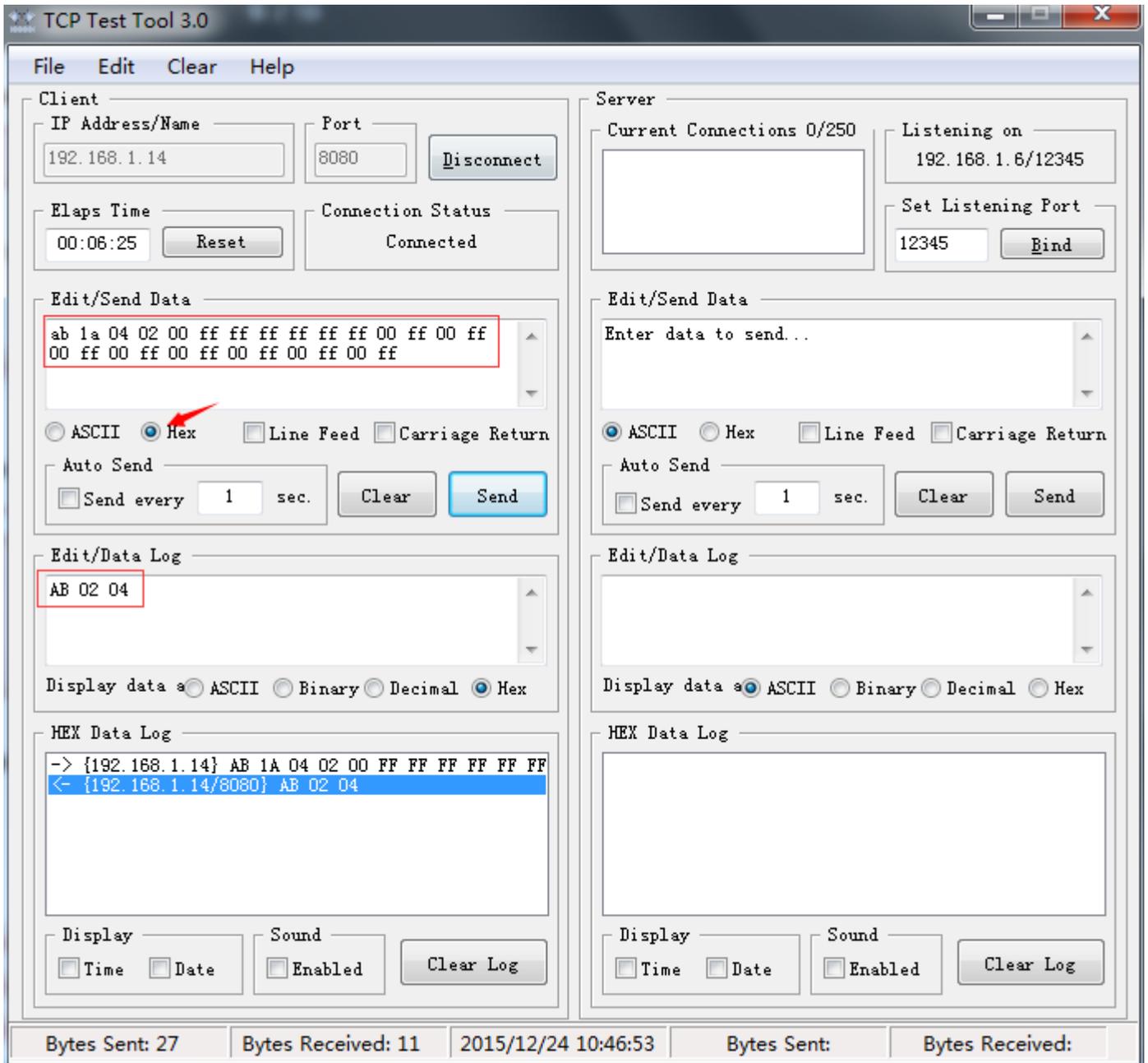
IP is 192.168.1.12

Back to TCP Test Tool:

Once it is connected, you could put a tag above the reader:
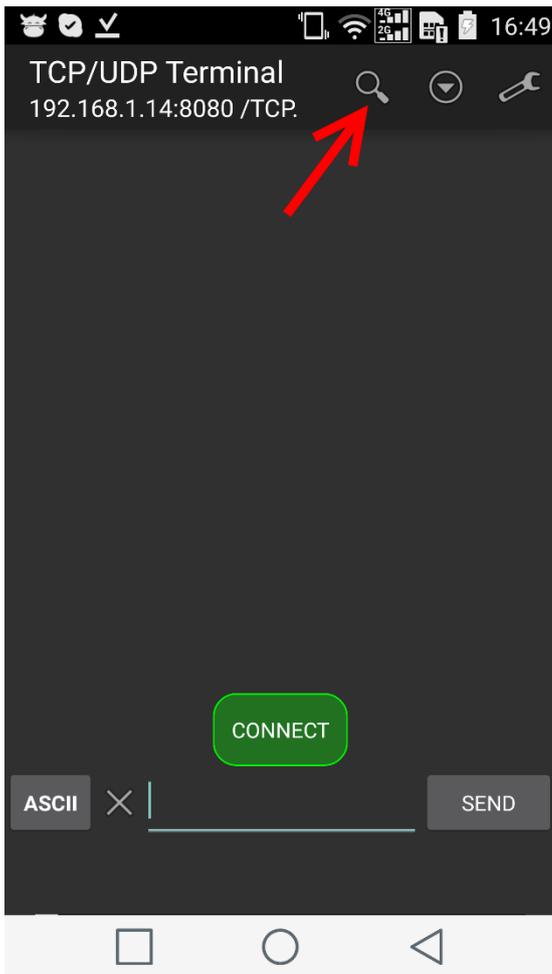
Write Data

To write block 2 with data **00 ff 00 ff 00 ff 00 ff 00 ff 00 ff 00 ff 00 ff**
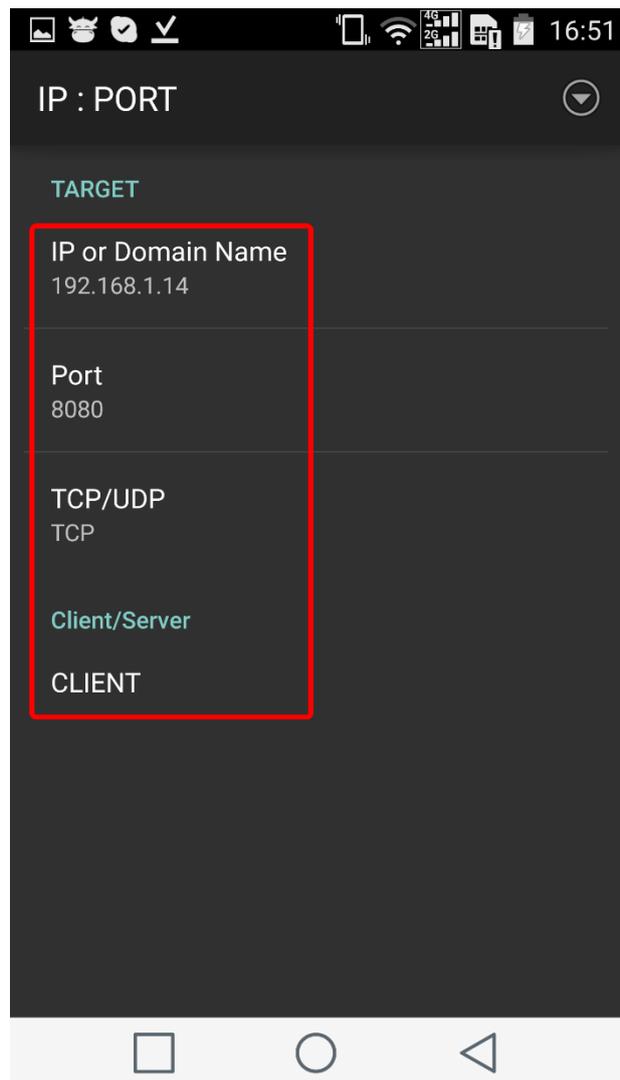
Read the tag on your phone:

Download the [TCP/UDP Terminal](#) (for Android, w/ AD)
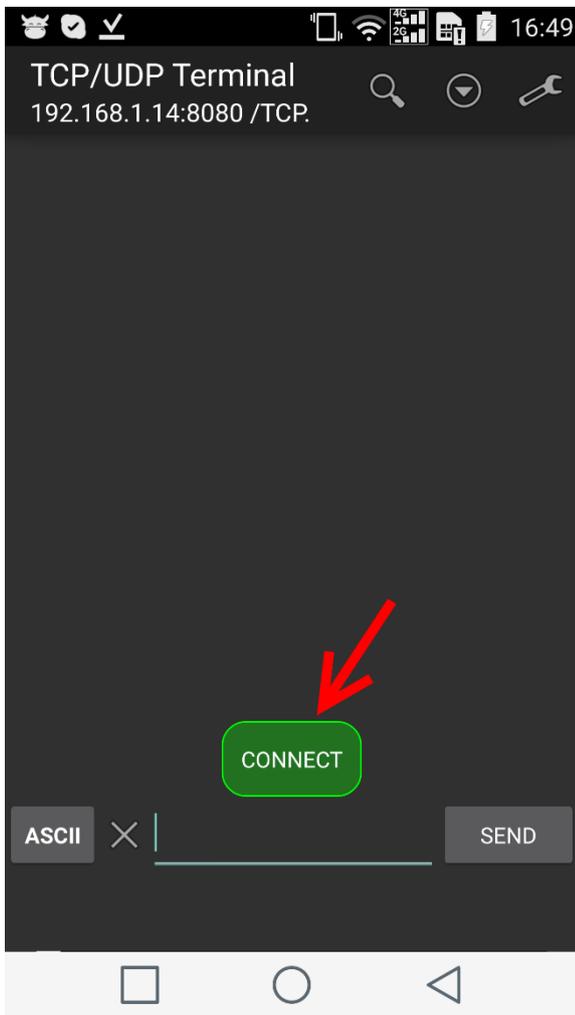
Phone GUIDE

Step 1
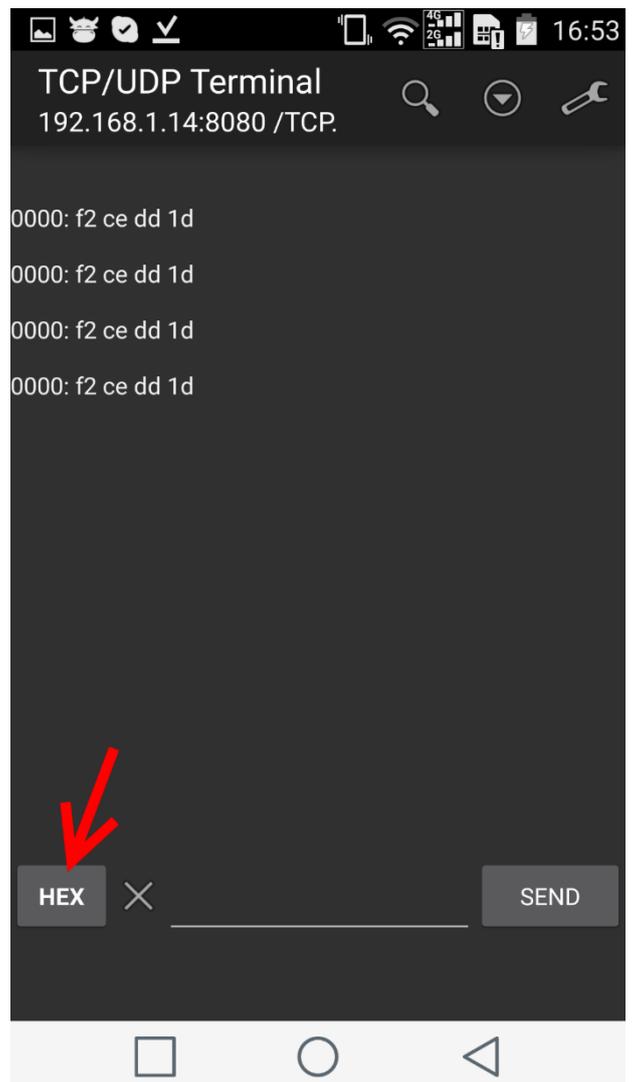
Click the Search button

Step 2

Input the IP and Port number of WifiNFC
Click back button.

Step 3

Click Connect button.
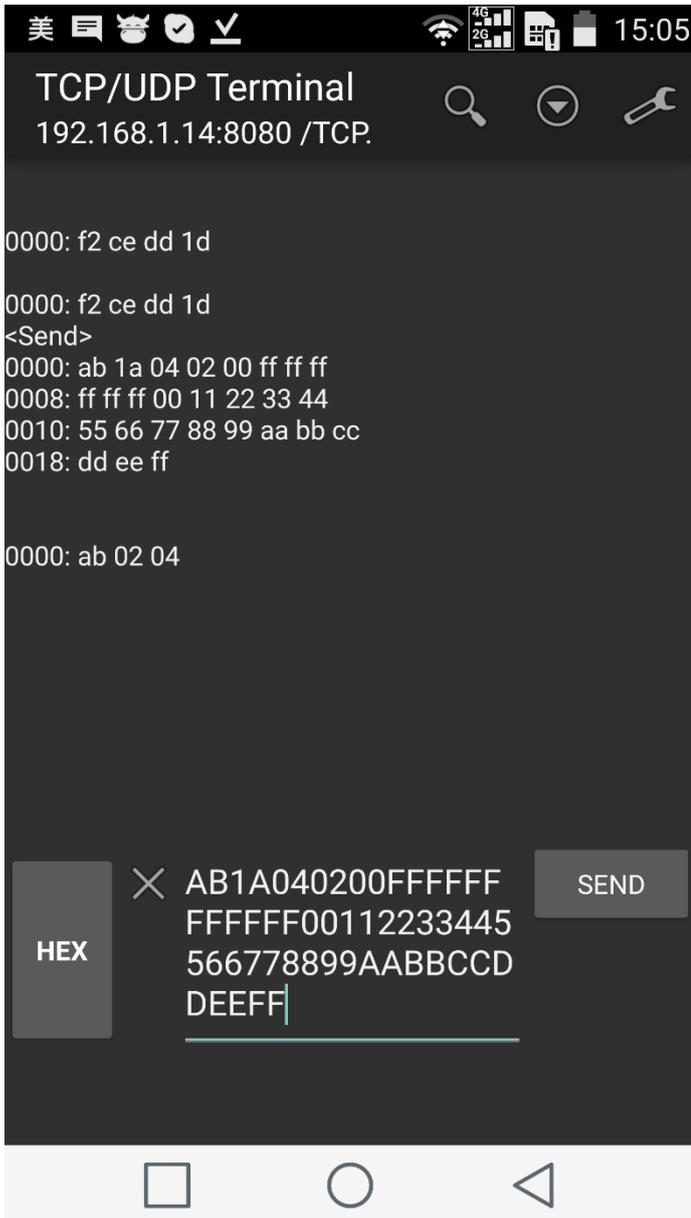Once connected, this button will disappear.

Step 4

Click the **ASCII** button to change it to **HEX**
Put a tag on the WifiNFC reader.
You could get the ID.

Step 5

Write block **02** with data **00 11 22 33 44 55 66 77 88 99 aa bb cc dd ee ff**

Send command:

**AB1A040200FFFFFFFFFFFF001122
33445566778899AABBCCDDEEFF**

Note: this APP doesn't accept space or lower case "**a**" instead of "**A**"