

TCP/IP Configuration description

Open “NetConfig.exe” in Document of “RFIDDemo”;

Connect to the LAN port of Computer or Router;

To power up the reader, then you can configuration the TCP/IP of reader;

Running NET Config Software diagram

1. Open “NetConfig.exe”:

The screenshot shows the 'Net Config' window with a menu bar (Broadcast, Get Settings, Set Settings, Default Settings, UDP Test) and a main configuration area. The configuration area is divided into two main sections: a table on the left and a form on the right.

IP	Name	Mac

The right section contains the following fields:

- Server Type:
- Protocol Type:
- DHCP Mode:
- Mac Address:
- Local IP:
- Local Port:
- Gateway:
- Net Mask:
- Pri DNS:
- Sec DNS:
- Server IP:
- Server Port:
- Maxsk:
- Tcpto:
- DNS Mode:
- Server Hosts:
- Dev Name:

2. Broadcast the TCP/IP Address of Reader:

Net Config

Broadcast

Get Settings

Set Settings

Default Settings

UDP Test

IP	Name	Mac
192.168.2.115	AD-NET-DEV	0E0E0318893A

1

2

Server Type

Protocol Type

DHCP Mode

Mac Address

Local IP

192.168.10.115

Local Port

49152

Gateway

192.168.10.1

Net Mask

255.255.255.0

Pri DNS

Sec DNS

Server IP

Server Port

Maxsk

Tcpto

DNS Mode

Server Hosts

Dev Name

3. Get the TCP/IP Parameters of reader:

Net Config

Broadcast

Get Settings

Set Settings

Default Settings

UDP Test

IP	Name	Mac
192.168.1.115	AD-NET-DEV	0E0E0318893A

1

2

3

Server Type

SERVER

Protocol Type

TCP

DHCP Mode

DisEnabled

Mac Address

0E0E0318893A

Local IP

192.168.1.115

Local Port

49152

Gateway

192.168.1.1

Net Mask

255.255.255.0

Pri DNS

114.114.114.114

Sec DNS

8.8.4.4

Server IP

192.168.1.100

Server Port

49153

Maxsk

1

Tcpto

240

DNS Mode

DisEnabled

Server Hosts

aosid.oicp.net

Dev Name

AD-NET-DEV

Get OK!

SERV_TYPE: Server PROT_TYPE: TCP DHCP_MODE: DisEnabled DNS_MODE: DisEnabled

IpAddr: 192.168.1.115 IpPort: 49152

DefGW: 192.168.1.1 NetMask: 255.255.255.0

PriDNS: 114.114.114.114 SecDNS: 8.8.4.4

MacAddr: 0E 0E 03 18 89 3A

RemAddr: 192.168.1.100 RemPort: 49153

Hosts: aosid.oicp.net

DevName: AD-NET-DEV

4. Set the TCP/IP Parameters of reader:

Net Config

Broadcast Get Settings **Set Settings** Default Settings UDP Test

IP	Name	Mac
192.168.1.115	AD-NET-DEV	5E45A26C301E

3 → 192.168.1.115 4 → AD-NET-DEV 5 → Set OK!

1 → Local IP 2 → Gateway

Server Type: SERVER Protocol Type: TCP
 DHCP Mode: Disabled Mac Address: 5E45A26C301E
 Local IP: 192.168.2.115 Local Port: 49152
 Gateway: 192.168.2.1 Net Mask: 255.255.255.0
 Pri DNS: 114.114.114.114 Sec DNS: 8.8.4.4
 Server IP: 192.168.2.100 Server Port: 49153
 Maxsk: 1 Tcpto: 240
 DNS Mode: Disabled Server Hosts: aosid.oicp.net
 Dev Name: AD-NET-DEV

Set OK!

5. Wait about 5~15sec, click “Broadcast”, Broadcast the TCP/IP Address of Reader to confirm;

Net Config

Broadcast Get Settings Set Settings Default Settings UDP Test

IP	Name	Mac
192.168.2.115	AD-NET-DEV	5E45A26C301E

2 → 192.168.2.115 1 → AD-NET-DEV

Server Type: SERVER Protocol Type: TCP
 DHCP Mode: Disabled Mac Address: 5E45A26C301E
 Local IP: 192.168.2.115 Local Port: 49152
 Gateway: 192.168.2.1 Net Mask: 255.255.255.0
 Pri DNS: 114.114.114.114 Sec DNS: 8.8.4.4
 Server IP: 192.168.2.100 Server Port: 49153
 Maxsk: 1 Tcpto: 240
 DNS Mode: Disabled Server Hosts: aosid.oicp.net
 Dev Name: AD-NET-DEV

6. At the step, the configuration is complete;