

# **Netmatell Mini**

## **(UPS SNMP/Web Adapter)**

### **User's Guide**

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# Directory

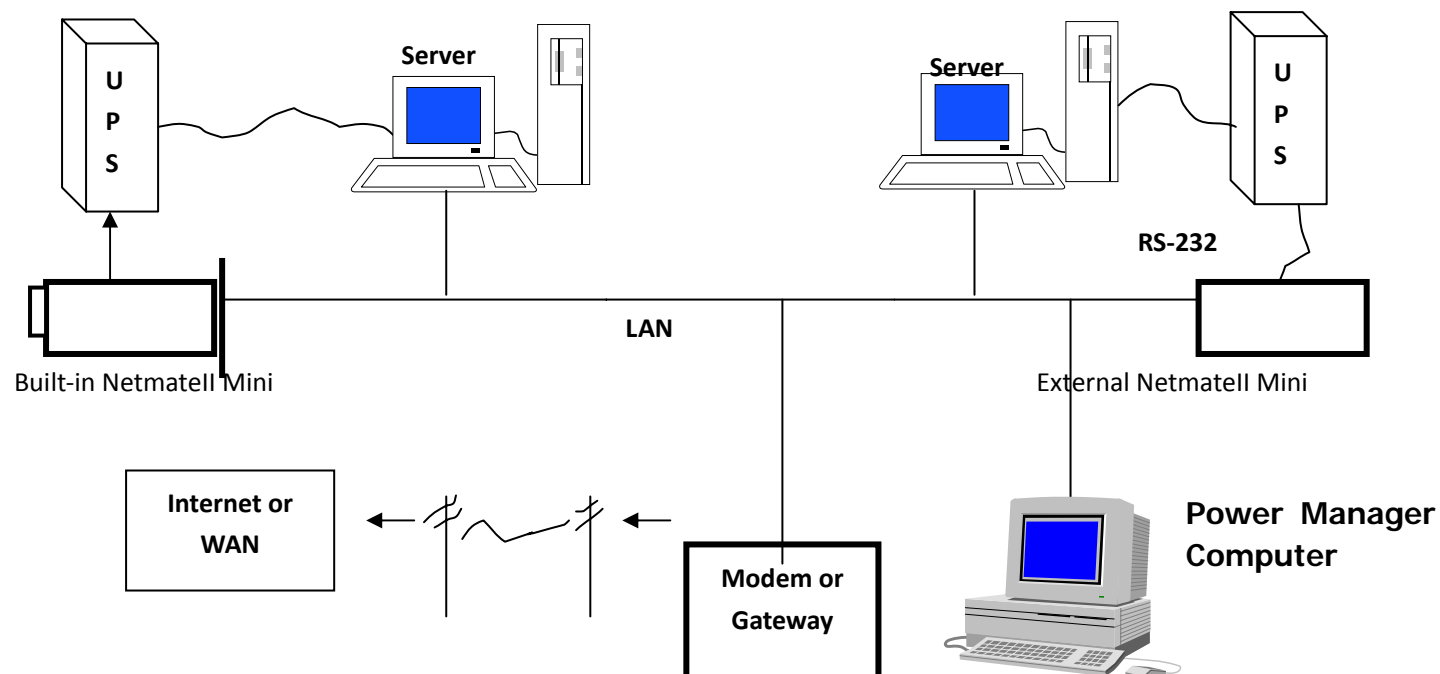
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## 1、System Requirement

- A smart UPS have a RS-232 communication interface;
- A computer with one RS-232 serial port and one 10M base-T Ethernet adapter for initial configuration;
- An available physical connection to an existing network;
- Use in network monitoring、manage UPS and building environment or ancillary equipment extended function(can select)

**NOTICE:**Please read this manual before setting up the Netmatell Mini.

## 2、UPS network remote monitoring and manage mimetic diagram



### 3、Netmatell Mini Interface and installation

#### 3.1、Netmatell Mini Interface



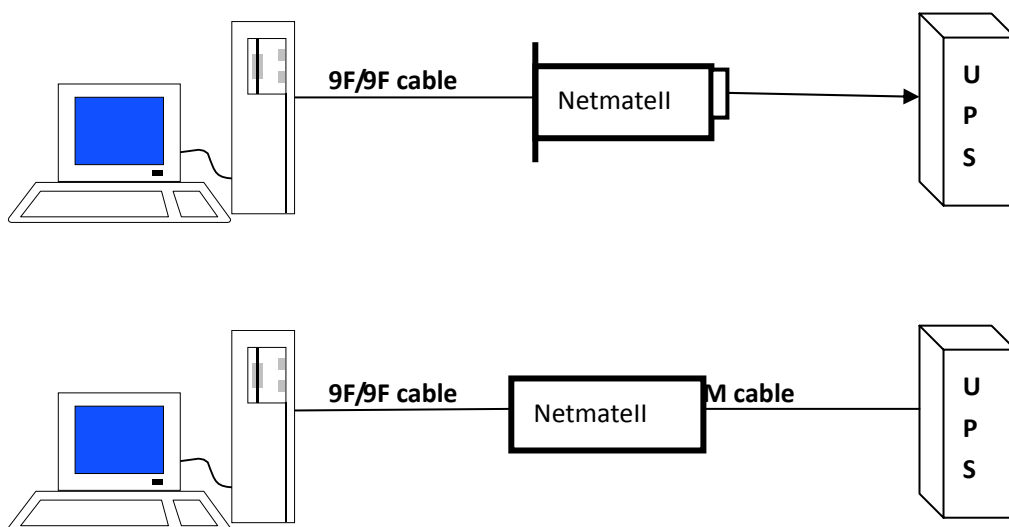
NetmateII Mini (External)



NetmateII Mini (Internal)

- P:: Power guiding light;
- R:: Run guiding light, normal working when the green light is twinkling state;
- E:: Equipment state guiding lights ,the green light often lights when the equipment is connecting,the red light flicker when the equipment disconnection;
- RS232:: The RS232 serial communication interface(or PPP communication interface)be used to configure parameter;
- RS422: RS422 is used to extend inspect control environment or other equipments;
- LAN:: Interface of UTP 10/100M RJ45 Ethernet;

#### 3.2、Install Netmatell Mini



Please connect the computer, Netmatell Mini and the UPS as in the above drawing . Connect the serial port of the computer and the RS232 serial port of the Netmatell Mini with the 9F/9F RS232 communication cable; Connect the 9F/9F RS232 communication cable to the serial port of the UPS and the other to the DEVICE port of the Netmatell Mini. (The cables are supplied in the packaging of Netmatell Mini). Besides, use a utp to link the Netmatell Mini entering network.

## 4、Configure NetmateII Mini

The Netmatell Mini Configure way has three types , they are serial port terminal configuration 、Telnet remote network configuration and passing built-in Web configuration. Following we introduces three kinds of the configuration.

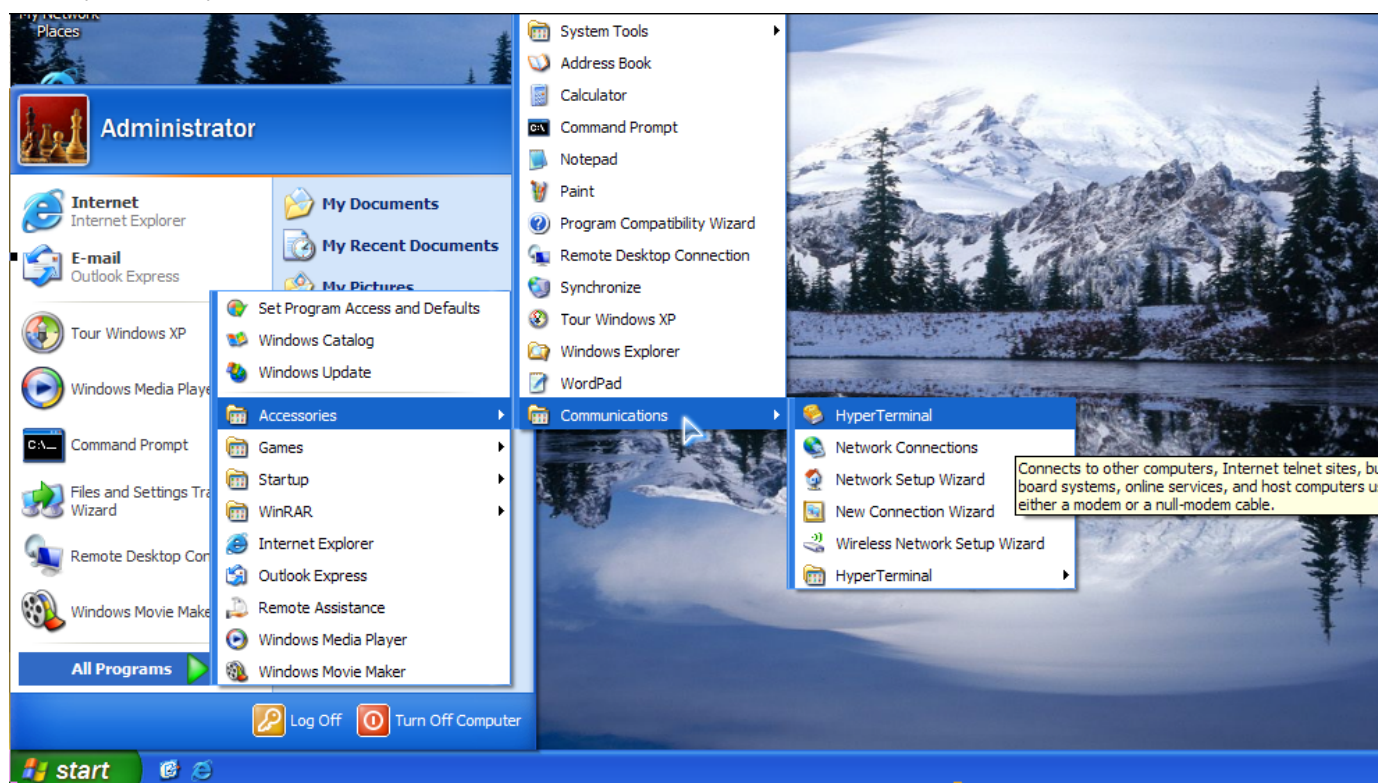
### 4.1、serial port terminal configuration

Serial port configuration that we introduce mainly how to use super terminal.

when the first time deploys Netmatell Mini,because of the network condition not knowing, can not thought the web to configure ,so must use Serial port configuration.

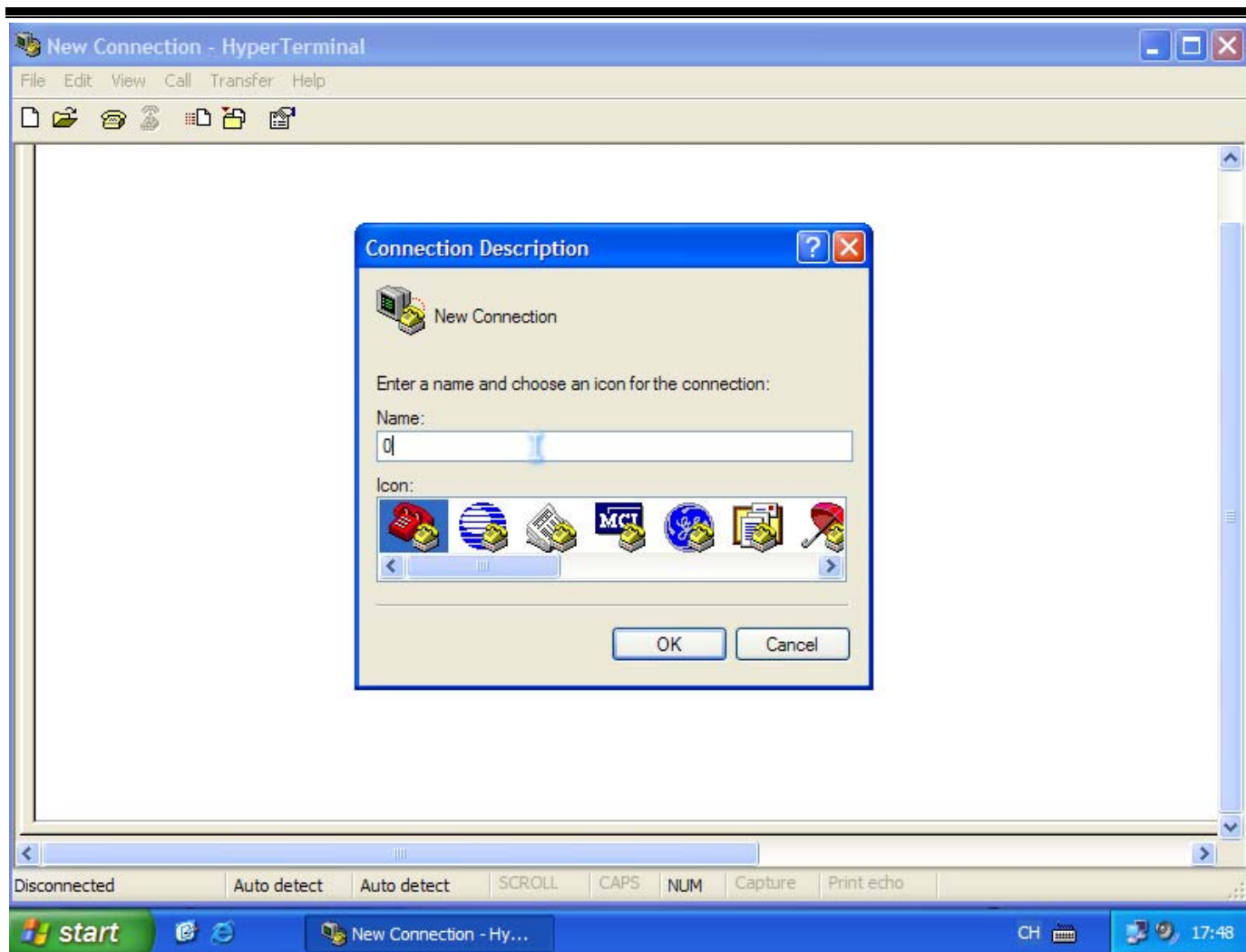
#### 4.1.1、Log in NetmateII Mini

Open the Super Terminal,, as follows:

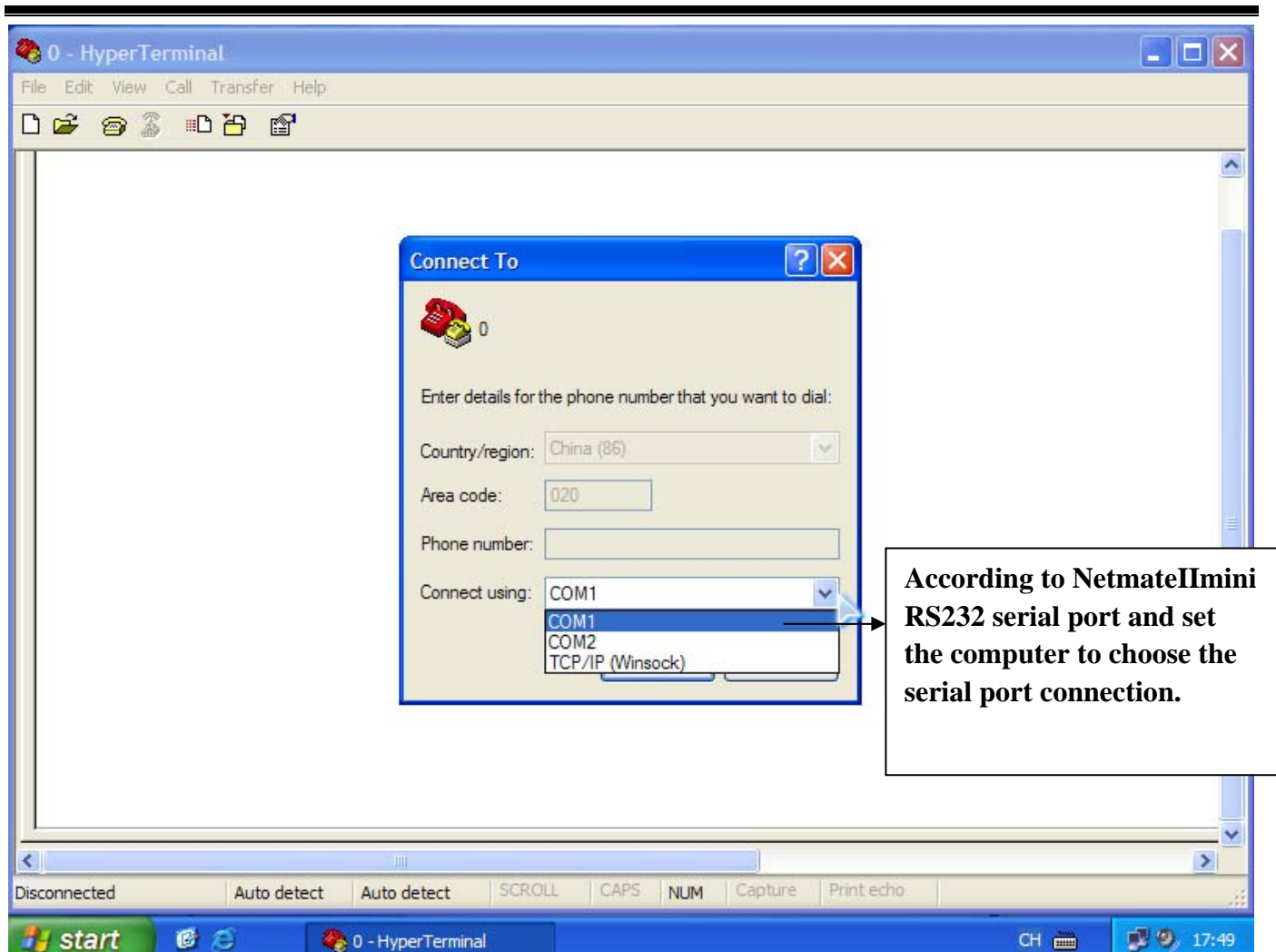


As required to set up one name,as follows:

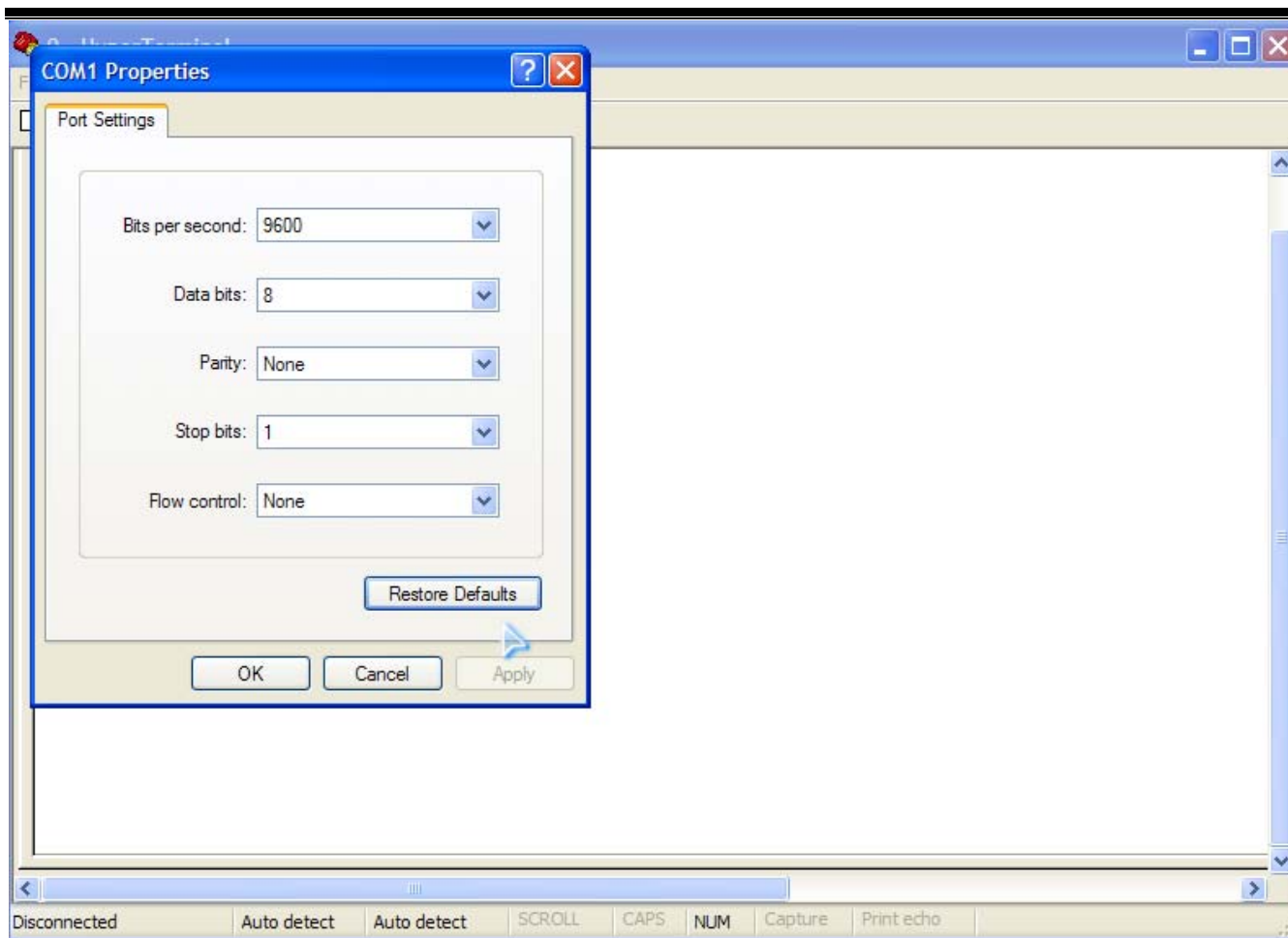




Select one serial port which connect the Netmatell Mini and the computer com port ,as follows:



Configure this serial port,as follows:



Please according to the drawing to configure the serial port.And press the button to bu sure.It will open the following drawing:



In this window, you need input the user name and the password ( leaving the factory: user name: admin; password: admin),it will show the Netmatell Mini mailly configure menu,as follows:

```
/>
Version:netmatecfg ver1.0 CVS Source Ver:$Revision: 1.2 $
Update date:Nov 20 2003 14:06:41 IP:192.168.0.100
login: admin

Password:

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:
```

At“ Please enter your choice:”inset the serial number and enter it. It'll list the Netmatell Mini configure menu in the super terminal.

#### 4.1.2、 network configuration

In Netmatell Mini maily configure menu ,where the “ Please enter your choice:” DOS prompt inset 1,you can enter the Netmatell Mini network configure menu,as follows:

```
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:1

System NET Configuration:

        IPADDR:192.168.0.100
        GATEWAY:192.168.0.2
        MASK:255.255.255.0
SNTP server 1:0.0.0.0
SNTP server 2:0.0.0.0
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0.  Exit Net configuration
1.  Set System ip
2.  Set System gateway
3.  Set System mask
4.  Set SNTP server 1
5.  Set SNTP server 2
6.  Set DNS server 1
7.  Set DNS server 2
8.  Test Network status(ping)
please enter your choice:
```

This menu show the Ipaddr ,gateway ,mask which is the Netmatell Mini network configuration,and some about the serial number to be the system NET configuration.

1.: Modify the Netmatell Mini IP address,, as follows:

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:1
Please enter IP:172.16.0.20
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:192.168.0.2
      MASK:255.255.255.0
SNTP server 1:0.0.0.0
SNTP server 2:0.0.0.0
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:
```

2: Modify the Netmatell Mini gateway,, as follows::

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:2
Please enter Gateway:172.16.0.254
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:172.16.0.254
      MASK:255.255.255.0
SNTP server 1:0.0.0.0
SNTP server 2:0.0.0.0
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:_
```

3: Modify the Netmatell Mini sub mask,, as follows::

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:3
Please enter mask:255.255.0.0
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:172.16.0.254
      MASK:255.255.0.0
SNTP server 1:0.0.0.0
SNTP server 2:0.0.0.0
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:
```

4.: Set the IP of the main time server, the time server is used to modify Netmatell Mini system time,as follows:

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:4
Please enter SNTP server 1 IP:172.16.0.1
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:172.16.0.254
      MASK:255.255.0.0
SNTP server 1:172.16.0.1
SNTP server 2:0.0.0.0
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:_
```

5.: Set the ip address of the second time server, as follows:

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:5
Please enter SNTP server 2 IP:172.16.0.112
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:172.16.0.254
      MASK:255.255.0.0
SNTP server 1:172.16.0.1
SNTP server 2:172.16.0.112
DNS server 1:0.0.0.0
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:
```

6.: Set the ip address of the main DNS server, the DNS server is used to domain name service,as follows:

```
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:6
Please enter DNS server 1 IP:172.16.0.1
System NET Configuration:

      IPADDR:172.16.0.20
      GATEWAY:172.16.0.254
      MASK:255.255.0.0
SNTP server 1:172.16.0.1
SNTP server 2:172.16.0.112
DNS server 1:172.16.0.1
DNS server 2:0.0.0.0

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:
```

7.: Set ip address of the second DNS server ,as follows:



```

7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:7
Please enter DNS server 2 IP:172.16.0.112
System NET Configuration:

        IPADDR:172.16.0.20
        GATEWAY:172.16.0.254
        MASK:255.255.0.0
SNTP server 1:172.16.0.1
SNTP server 2:172.16.0.112
DNS server 1:172.16.0.1
DNS server 2:172.16.0.112

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:_

```

8.: Use "ping" command to test the network state, as follows:

```

8. Test Network status(ping)
please enter your choice:8
Enter IP or host you want to ping:172.16.0.127
/***** Start ping *****/
Waiting for child 29
PING 172.16.0.127 (172.16.0.127): 56 data bytes
64 bytes from 172.16.0.127: icmp_seq=0 ttl=128 time=20.0 ms

--- 172.16.0.127 ping statistics ---
4 packets transmitted, 1 packets received, 75% packet loss

round-trip min/avg/max = 20.0/20.0/20.0 ms
/***** End *****/

System NET Configuration:

        IPADDR:172.16.0.20
        GATEWAY:172.16.0.254
        MASK:255.255.0.0
SNTP server 1:172.16.0.1
SNTP server 2:172.16.0.112
DNS server 1:172.16.0.1
DNS server 2:172.16.0.112

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:_

```

0.: Quit network configuration, enter main configure menu, as follows:



```

SNTP server 1:172.16.0.1
SNTP server 2:172.16.0.112
DNS server 1:172.16.0.1
DNS server 2:172.16.0.112

0. Exit Net configuration
1. Set System ip
2. Set System gateway
3. Set System mask
4. Set SNTP server 1
5. Set SNTP server 2
6. Set DNS server 1
7. Set DNS server 2
8. Test Network status(ping)
please enter your choice:0

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:_

```

#### 4.1.3、NMS configuration

In Netmatell Mini maily configure menu ,behind the “Please enter your choice:” DOS prompt inset 2,you can enter the Netmatell Mini NMS configure menu, as follows:

```

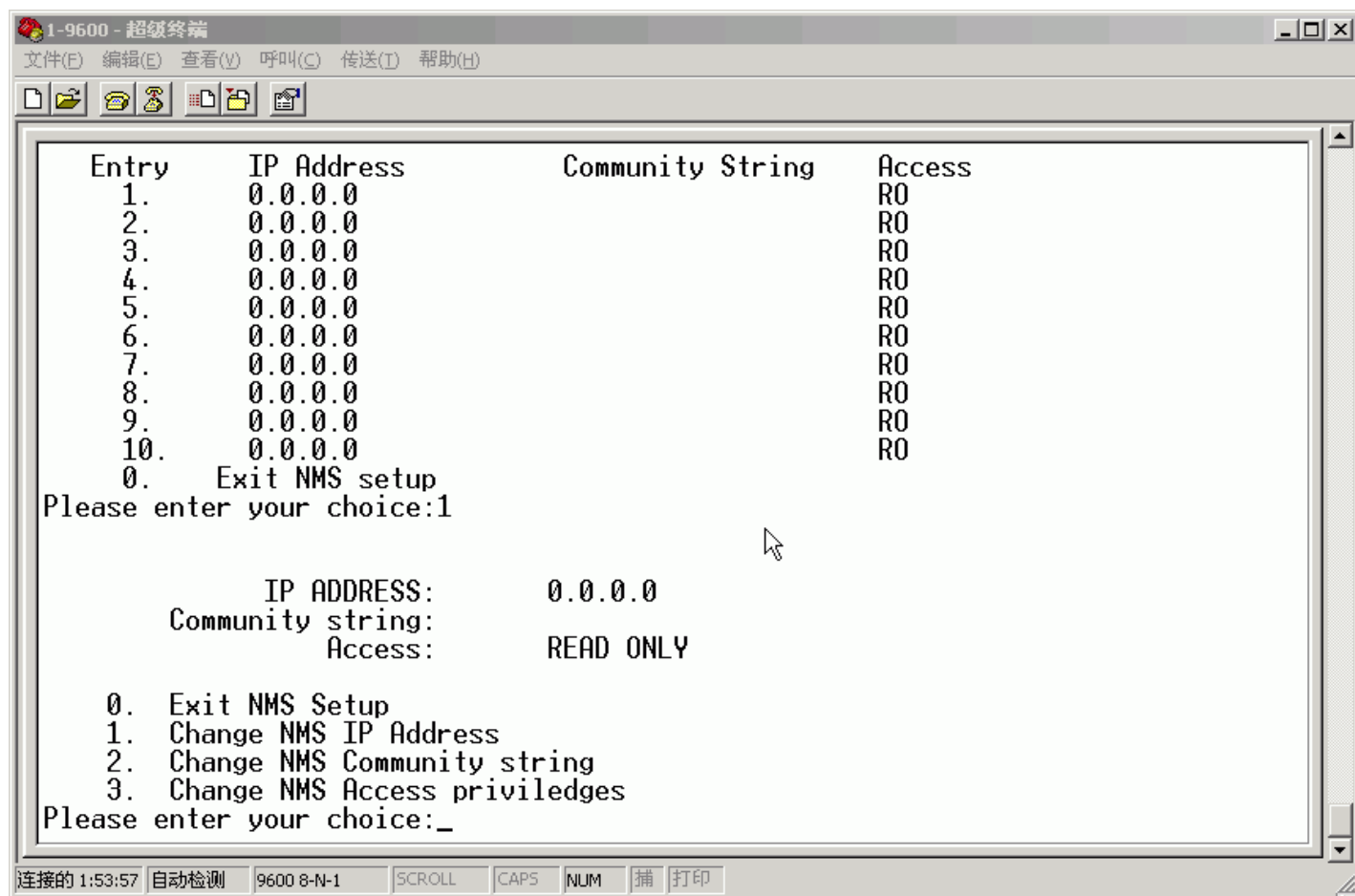
please enter your choice:0

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:2

Entry      IP Address      Community String      Access
1.         0.0.0.0         RO
2.         0.0.0.0         RO
3.         0.0.0.0         RO
4.         0.0.0.0         RO
5.         0.0.0.0         RO
6.         0.0.0.0         RO
7.         0.0.0.0         RO
8.         0.0.0.0         RO
9.         0.0.0.0         RO
10.        0.0.0.0         RO
0. Exit NMS setup
Please enter your choice:_

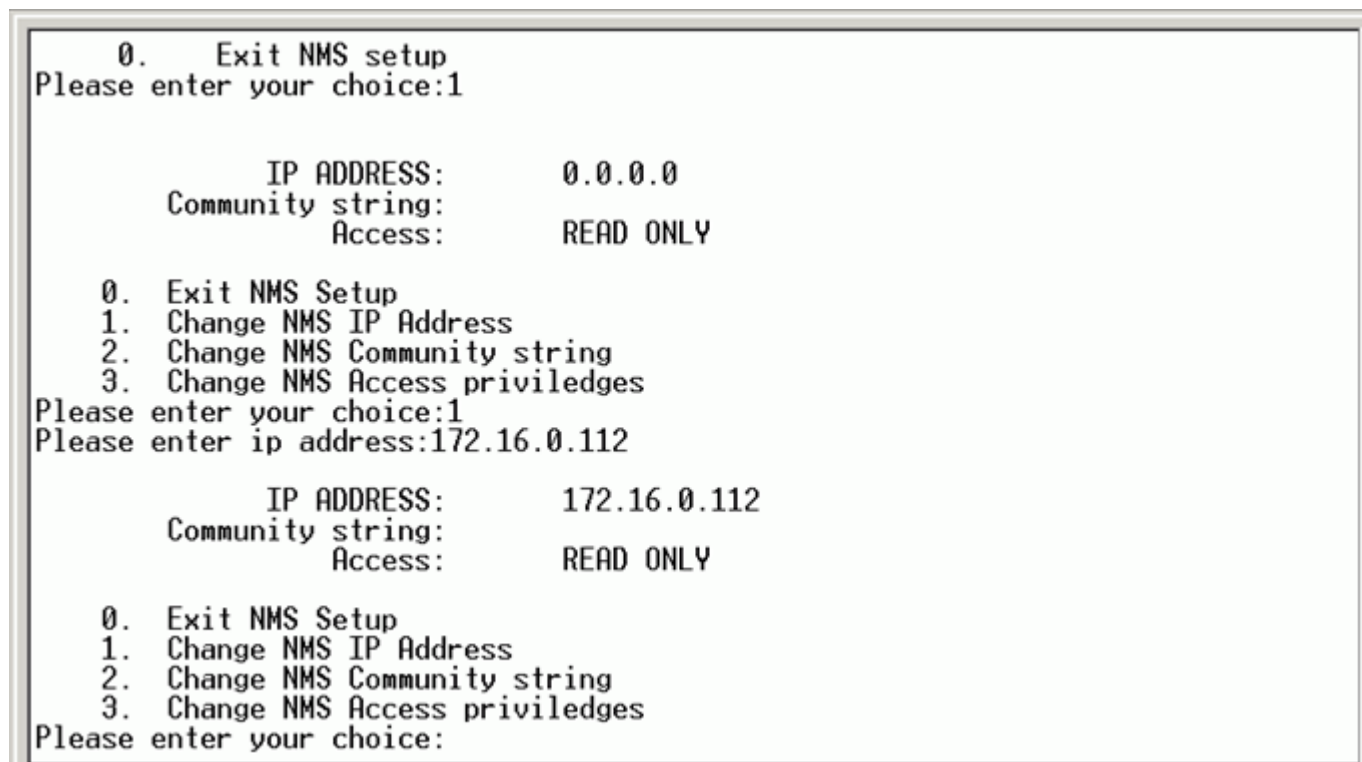
```

This menu include ten network management system state,contain IP address community String and access right. Behind the “Please enter your choice:” DOS prompt inset the serial num, you can configure it, as follows:



This menu show the network management system state, and some about the serial number to be the NMS configuration.

1.: Set IP address of the NMS , as follows:



2.Modify the community string of the NMS, as follows:

```

3. Change NMS Access privileges
Please enter your choice:1
Please enter ip address:172.16.0.112

      IP ADDRESS:      172.16.0.112
Community string:
      Access:      READ ONLY

0. Exit NMS Setup
1. Change NMS IP Address
2. Change NMS Community string
3. Change NMS Access privileges
Please enter your choice:2
Please enter new community:PUBLIC

      IP ADDRESS:      172.16.0.112
Community string:      PUBLIC
      Access:      READ ONLY

0. Exit NMS Setup
1. Change NMS IP Address
2. Change NMS Community string
3. Change NMS Access privileges
Please enter your choice:_

```

3.: Modify the access right of the NMS, as follows:

```

3. Change NMS Access privileges
Please enter your choice:2
Please enter new community:PUBLIC

      IP ADDRESS:      172.16.0.112
Community string:      PUBLIC
      Access:      READ ONLY

0. Exit NMS Setup
1. Change NMS IP Address
2. Change NMS Community string
3. Change NMS Access privileges
Please enter your choice:3
Enter 1 for "Read/Write",other for "Read only":1

      IP ADDRESS:      172.16.0.112
Community string:      PUBLIC
      Access:      READ/WRITE

0. Exit NMS Setup
1. Change NMS IP Address
2. Change NMS Community string
3. Change NMS Access privileges
Please enter your choice:_

```

0.: Quit the NMS configure menu , enter the NMS main configure menu, as follows:

```

                IP ADDRESS:      172.16.0.112
Community string: PUBLIC
                Access:      READ/WRITE

0. Exit NMS Setup
1. Change NMS IP Address
2. Change NMS Community string
3. Change NMS Access privileges
Please enter your choice:0

Entry      IP Address      Community String      Access
1.         172.16.0.112      PUBLIC                RW
2.         0.0.0.0          PUBLIC                RO
3.         0.0.0.0          PUBLIC                RO
4.         0.0.0.0          PUBLIC                RO
5.         0.0.0.0          PUBLIC                RO
6.         0.0.0.0          PUBLIC                RO
7.         0.0.0.0          PUBLIC                RO
8.         0.0.0.0          PUBLIC                RO
9.         0.0.0.0          PUBLIC                RO
10.        0.0.0.0          PUBLIC                RO
0.         Exit NMS setup
Please enter your choice:

```

Behind the “Please enter your choice:” inset 0, you can enter Netmatell Mini main configure menu, as follows:

```

Please enter your choice:0

Entry      IP Address      Community String      Access
1.         172.16.0.112      PUBLIC                RW
2.         0.0.0.0          PUBLIC                RO
3.         0.0.0.0          PUBLIC                RO
4.         0.0.0.0          PUBLIC                RO
5.         0.0.0.0          PUBLIC                RO
6.         0.0.0.0          PUBLIC                RO
7.         0.0.0.0          PUBLIC                RO
8.         0.0.0.0          PUBLIC                RO
9.         0.0.0.0          PUBLIC                RO
10.        0.0.0.0          PUBLIC                RO
0.         Exit NMS setup
Please enter your choice:0

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:_

```

#### 4.1.4、Trap host configuration

In the Netmatell Mini main configure menu ,behind the “Please enter your choice:” DOS prompt inset 3,you can enter the Netmatell Mini Trap host configure menu, as follows:

Please enter your choice:0

- 0.Exit Setup
- 1.Network configuration
- 2.NMS configuration
- 3.Trap host configuration
- 4.Ippowerpro server configuration
- 5.Sys start configuration
- 6.Sys date and time configuration

Please enter your choice:3

Entry	IP Address	Community String	Trap Ctrl	Auth
1	0.0.0.0		NO	NO
2	0.0.0.0		NO	NO
3	0.0.0.0		NO	NO
4	0.0.0.0		NO	NO
5	0.0.0.0		NO	NO
6	0.0.0.0		NO	NO
7	0.0.0.0		NO	NO
8	0.0.0.0		NO	NO
9	0.0.0.0		NO	NO
10	0.0.0.0		NO	NO
0	Exit config!			

please select the table entry to change:

The configuration menu lists ten current Trap host state of Netmatell Mini, Including its IP address, Community, enable Trap, enabled authentication and error Trap. In the "Please select the table entry to change:", prompt that enter the appropriate number, enter lower level configuration menu to set the Trap Host. As shown below:

1	0.0.0.0		NO	NO
2	0.0.0.0		NO	NO
3	0.0.0.0		NO	NO
4	0.0.0.0		NO	NO
5	0.0.0.0		NO	NO
6	0.0.0.0		NO	NO
7	0.0.0.0		NO	NO
8	0.0.0.0		NO	NO
9	0.0.0.0		NO	NO
10	0.0.0.0		NO	NO
0	Exit config!			

please select the table entry to change:1

IP Address: 0.0.0.0

Community:

Enable Traps: NO

Enable authentication Failure Traps: NO

- 0. Exit Trap Host Setup
- 1. Change Trap Host IP Address
- 2. Change Trap Host Community String
- 3. Change Enable Trap Flag
- 4. Change Enable Authentication Failure Trap Flag

Please enter your choice:\_

The configuration menu of previous part lists the state of Trap Host, the remaining part lists all the configure command, the configure command number is:



1.modify this Trap Host's IP address, As shown below:

```

                                IP Address: 0.0.0.0
                                Community:
                                Enable Traps: NO
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:1
please enter new IP address:172.16.0.112
                                IP Address: 172.16.0.112
                                Community:
                                Enable Traps: NO
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:
```

2.Modify the Trap host community, as shown below:

```

please enter new IP address:172.16.0.112
                                IP Address: 172.16.0.112
                                Community:
                                Enable Traps: NO
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:2
please enter new SNMP community:PUBLIC
                                IP Address: 172.16.0.112
                                Community: PUBLIC
                                Enable Traps: NO
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:
```

3.Set the Trap host enabled to Trap, as shown below:

```

please enter new SNMP community:PUBLIC
                        IP Address: 172.16.0.112
                        Community: PUBLIC
                        Enable Traps: NO
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:3
Enter 1 for YES,other for NO:1
                        IP Address: 172.16.0.112
                        Community: PUBLIC
                        Enable Traps: YES
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:_

```

4. Set the Trap Host, Enable authentication failure trap flag,, as follows:

```

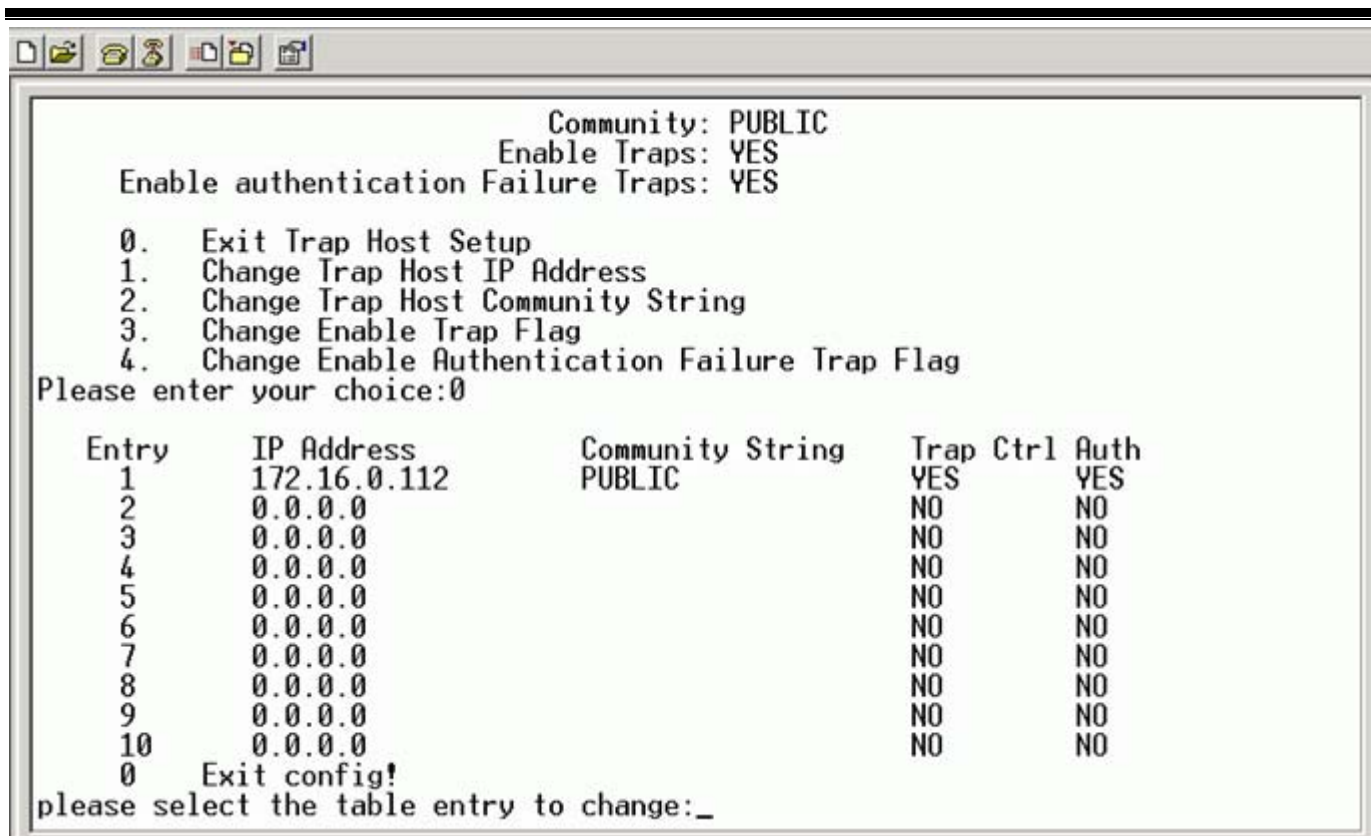
Enter 1 for YES,other for NO:1
                        IP Address: 172.16.0.112
                        Community: PUBLIC
                        Enable Traps: YES
Enable authentication Failure Traps: NO

0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:4
Enter 1 for YES,other for NO:1
                        IP Address: 172.16.0.112
                        Community: PUBLIC
                        Enable Traps: YES
Enable authentication Failure Traps: YES

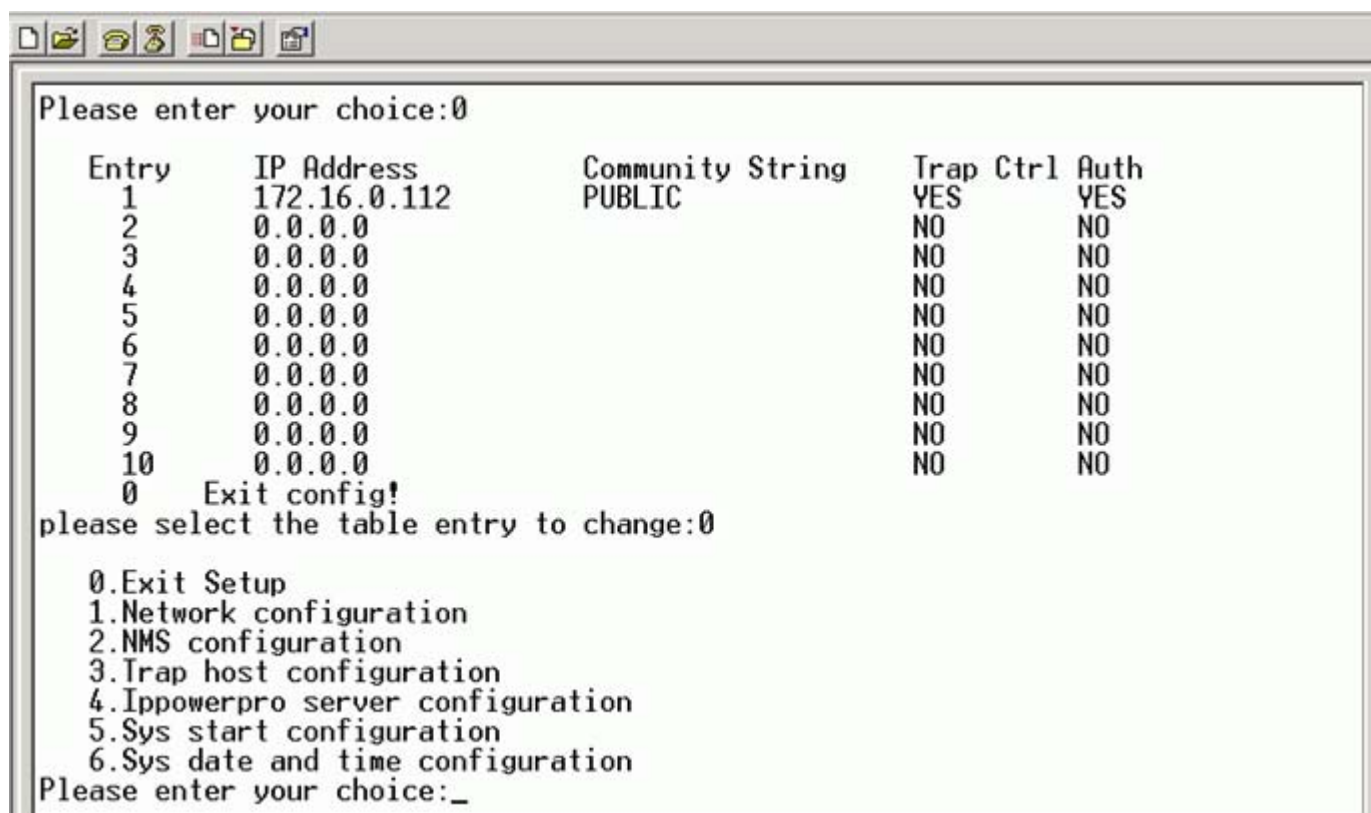
0.  Exit Trap Host Setup
1.  Change Trap Host IP Address
2.  Change Trap Host Community String
3.  Change Enable Trap Flag
4.  Change Enable Authentication Failure Trap Flag
Please enter your choice:

```

0.: Exit Trap Host setup, enter the Trap flag ,as shown below:



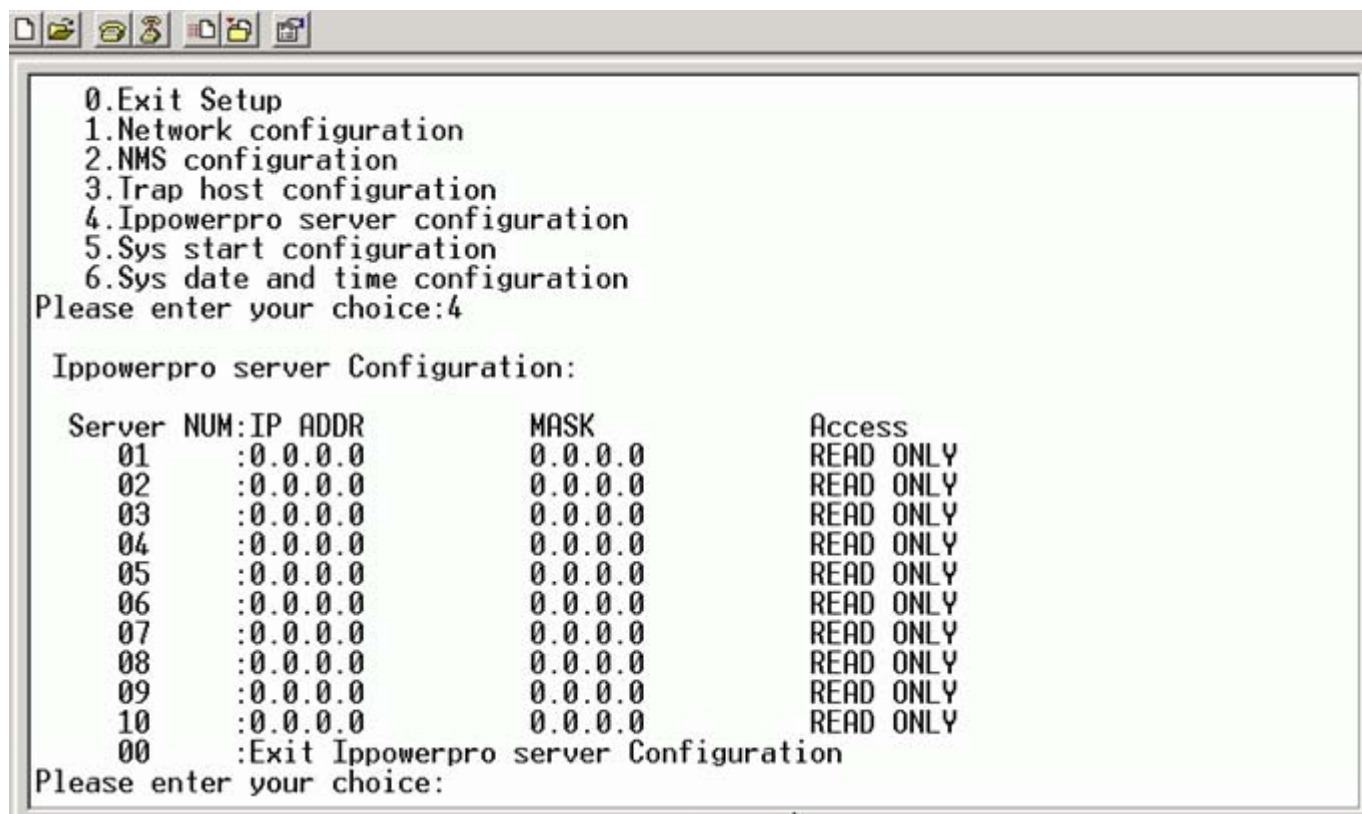
In the Trap Host Step : “Please select the table entry to change.” enter the number 0,can go to the Netmate II Mini configuration menu, as shown below:



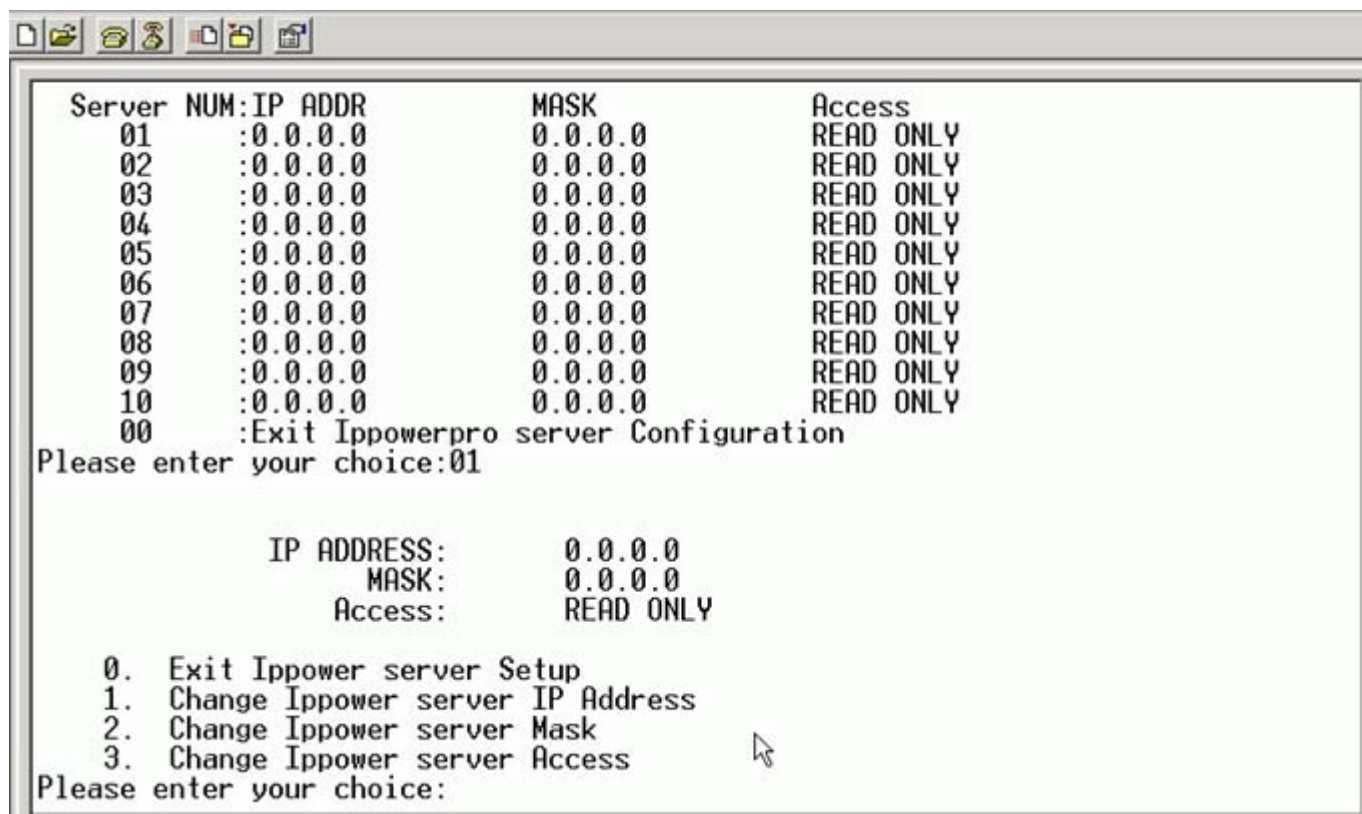
#### 4.1.5、IPPowerPro Server Configuration

In the NetmateII Mini configuration menu :” Please enter your choice:”, input the number ” 4”,you can go into the IPPowerPro Server Configuration, as shown below:

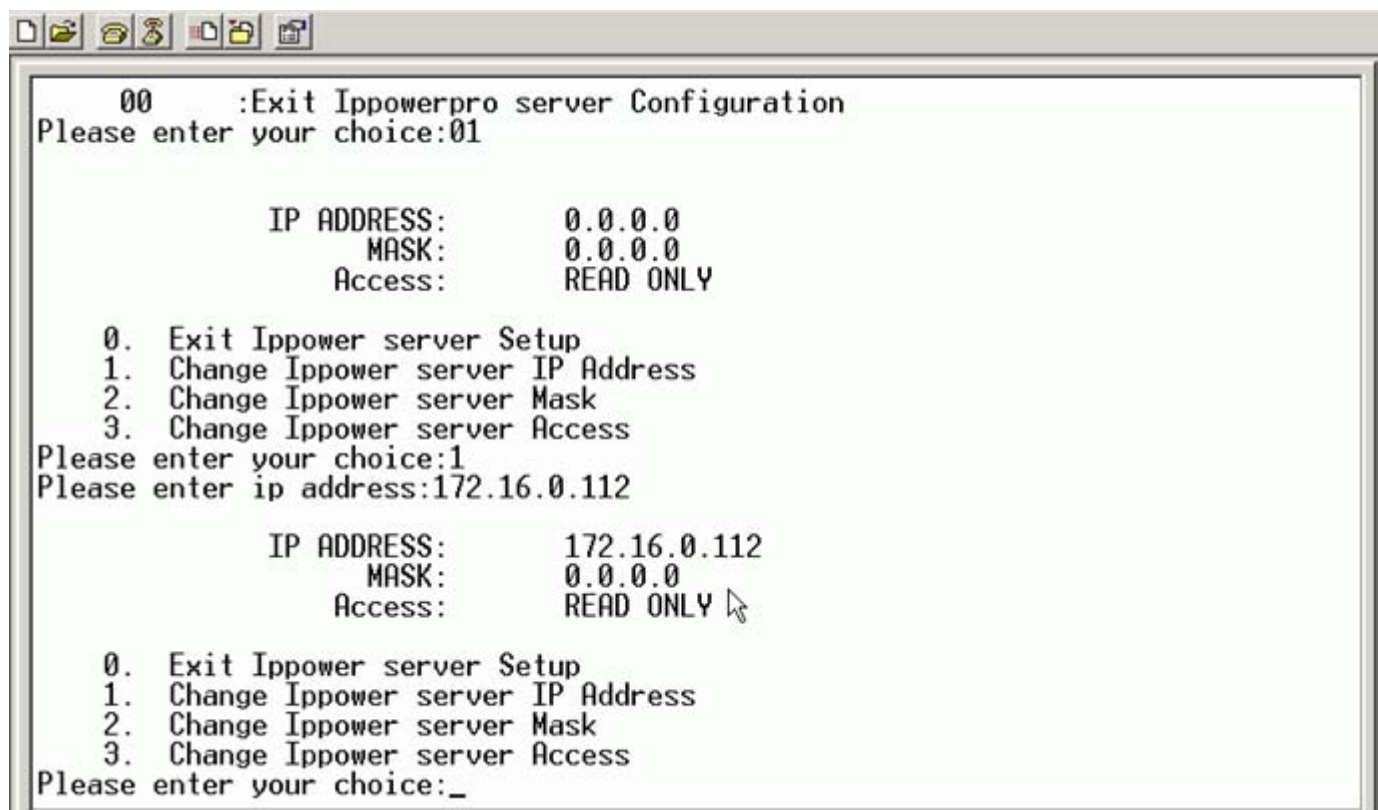




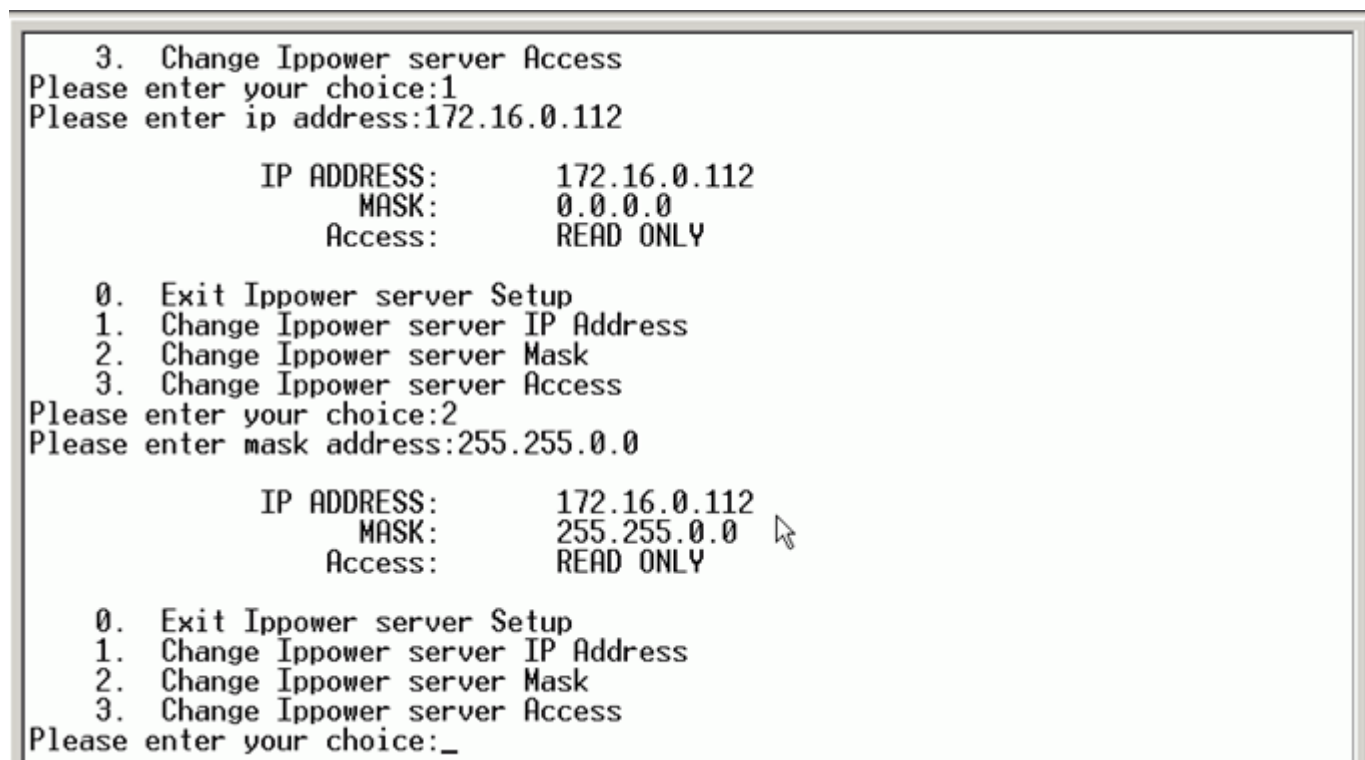
The configuration lists ten server state,including its ip address, subnet mask and access authority. Enter the suitable information in the “Please enter your choice:”,and you can enter the next level configuration menu to set the IPPowerPro Server. As shown below:



1.Change Ippower server IP Address, as shown below:



2.: change ippower server mask, as follow:



3.: change ippower server access, as follow:

```

3. Change Ippower server Access
Please enter your choice:2
Please enter mask address:255.255.0.0

        IP ADDRESS:      172.16.0.112
           MASK:         255.255.0.0
        Access:         READ ONLY

0. Exit Ippower server Setup
1. Change Ippower server IP Address
2. Change Ippower server Mask
3. Change Ippower server Access
Please enter your choice:3
Enter 1 for "Read/Write",other for "Read only":1

        IP ADDRESS:      172.16.0.112
           MASK:         255.255.0.0
        Access:         READ/WRITE

0. Exit Ippower server Setup
1. Change Ippower server IP Address
2. Change Ippower server Mask
3. Change Ippower server Access
Please enter your choice:_

```

0.: exit ippower server setup, enter the IPPowerPro server configuration, as shown below:

```

           MASK:         255.255.0.0
        Access:         READ/WRITE

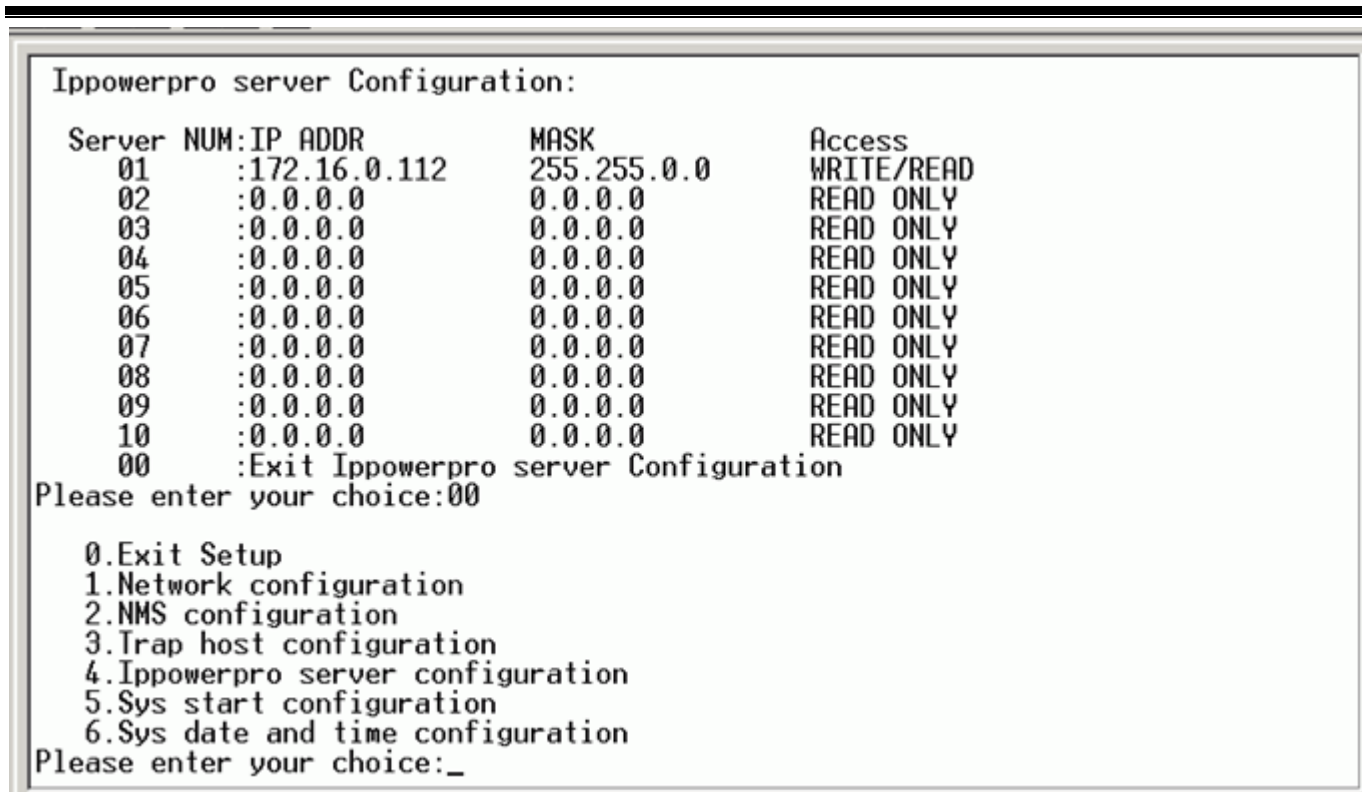
0. Exit Ippower server Setup
1. Change Ippower server IP Address
2. Change Ippower server Mask
3. Change Ippower server Access
Please enter your choice:0

Ippowerpro server Configuration:

Server NUM:IP ADDR      MASK      Access
01      :172.16.0.112    255.255.0.0    WRITE/READ
02      :0.0.0.0         0.0.0.0        READ ONLY
03      :0.0.0.0         0.0.0.0        READ ONLY
04      :0.0.0.0         0.0.0.0        READ ONLY
05      :0.0.0.0         0.0.0.0        READ ONLY
06      :0.0.0.0         0.0.0.0        READ ONLY
07      :0.0.0.0         0.0.0.0        READ ONLY
08      :0.0.0.0         0.0.0.0        READ ONLY
09      :0.0.0.0         0.0.0.0        READ ONLY
10      :0.0.0.0         0.0.0.0        READ ONLY
00      :Exit Ippowerpro server Configuration
Please enter your choice:_

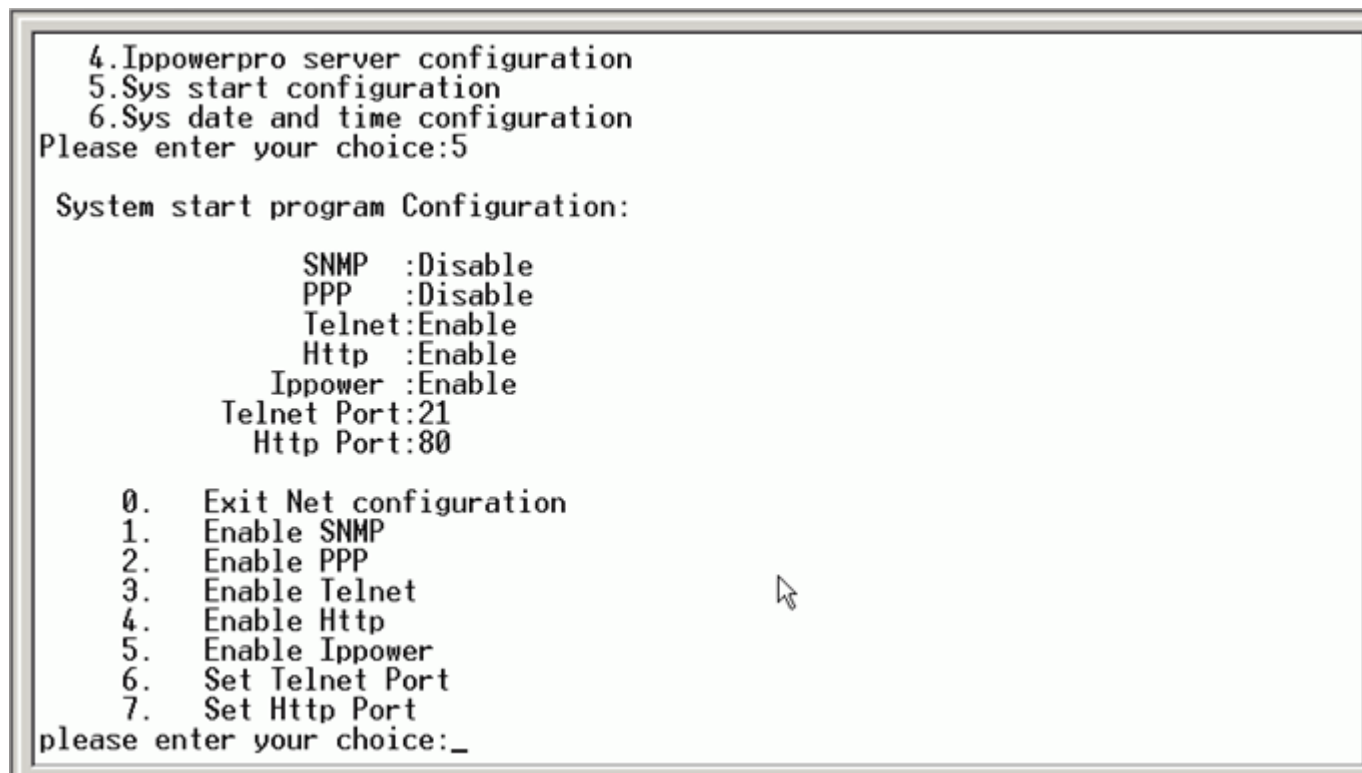
```

Enter "0" behind "Please enter your change:", can enter the Netmatell Miniconfiguration menu, as follow:



#### 4.1.6、system start configuration

Enter “5” behind “Please enter your choice:”, can enter the Netmatell Minisystem start configuration, as shown below:



You can see the system start program configuration.

1.: Setting whether enable the SNMP, as follows:

```
5.  Enable Ippower
6.  Set Telnet Port
7.  Set Http Port
please enter your choice:1
Enter 1 for "Enable",other for "Disable":1
System start program Configuration:

        SNMP :Enable
        PPP  :Disable
        Telnet:Enable
        Http  :Enable
        Ippower :Enable
        Telnet Port:21
        Http Port:80

0.  Exit Net configuration
1.  Enable SNMP
2.  Enable PPP
3.  Enable Telnet
4.  Enable Http
5.  Enable Ippower
6.  Set Telnet Port
7.  Set Http Port
please enter your choice:
```

2.: Setting whether enable the PPP, as follows:

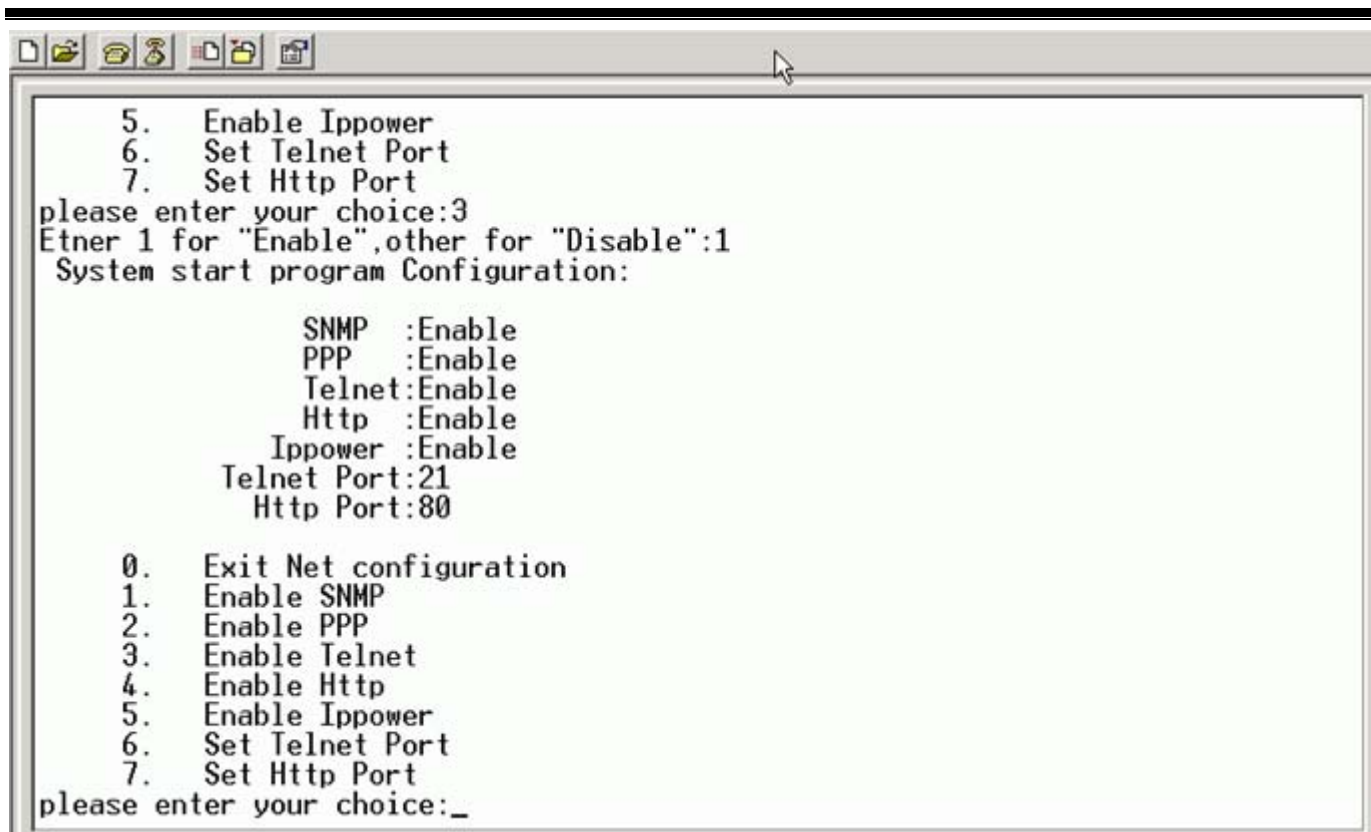
```
5.  Enable Ippower
6.  Set Telnet Port
7.  Set Http Port
please enter your choice:2
Enter 1 for "Enable",other for "Disable":1
System start program Configuration:

        SNMP :Enable
        PPP  :Enable
        Telnet:Enable
        Http  :Enable
        Ippower :Enable
        Telnet Port:21
        Http Port:80

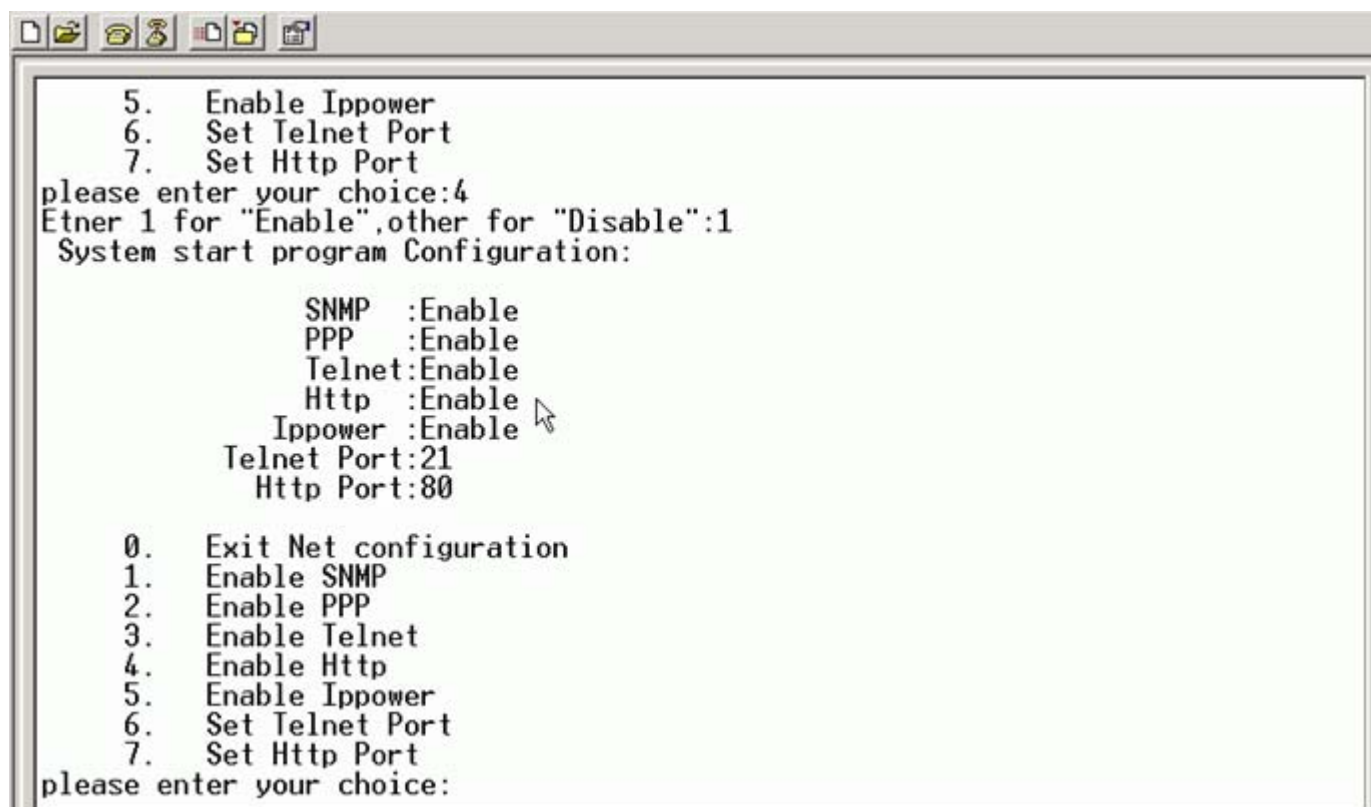
0.  Exit Net configuration
1.  Enable SNMP
2.  Enable PPP
3.  Enable Telnet
4.  Enable Http
5.  Enable Ippower
6.  Set Telnet Port
7.  Set Http Port
please enter your choice:
```

3.: Setting whether enable the telnet, as follows:

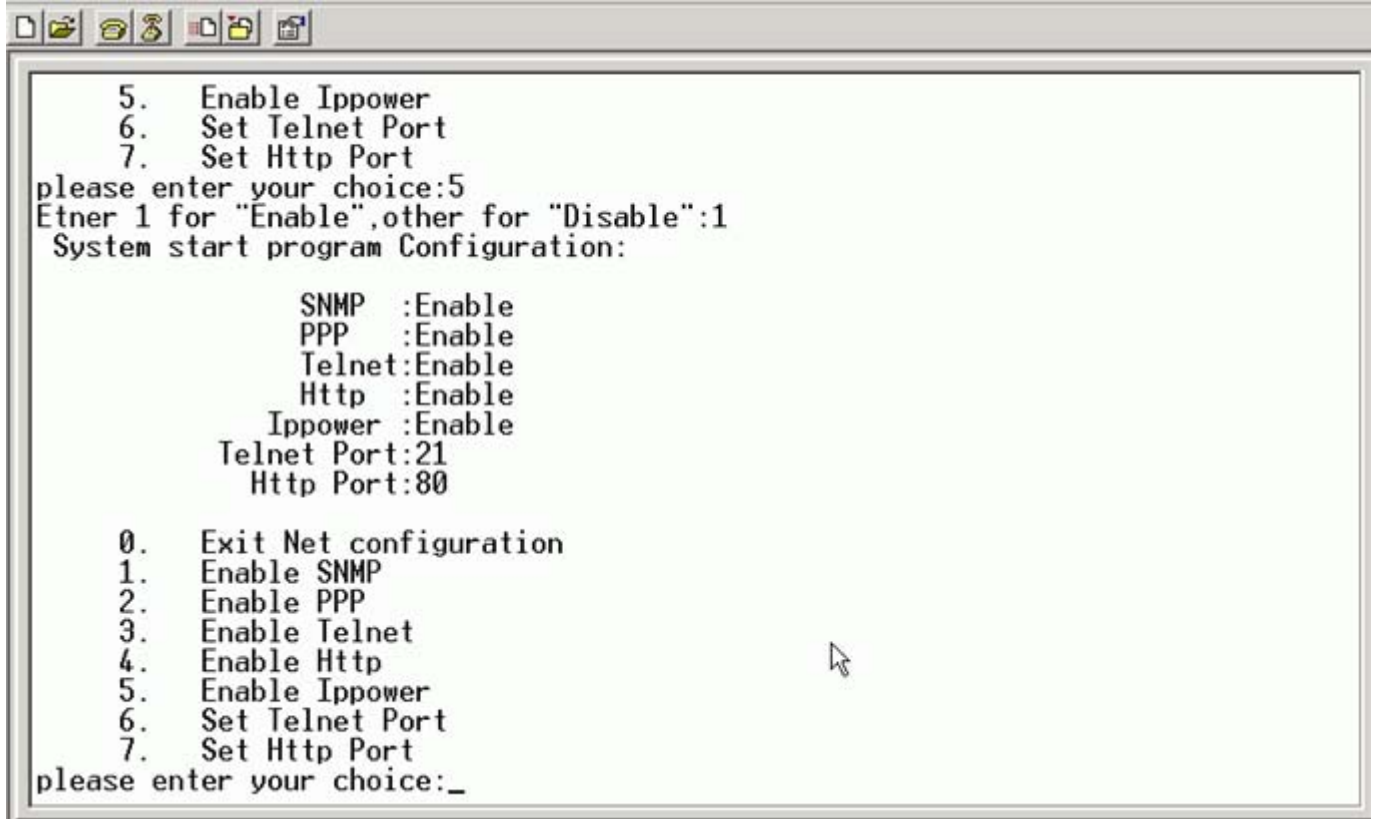




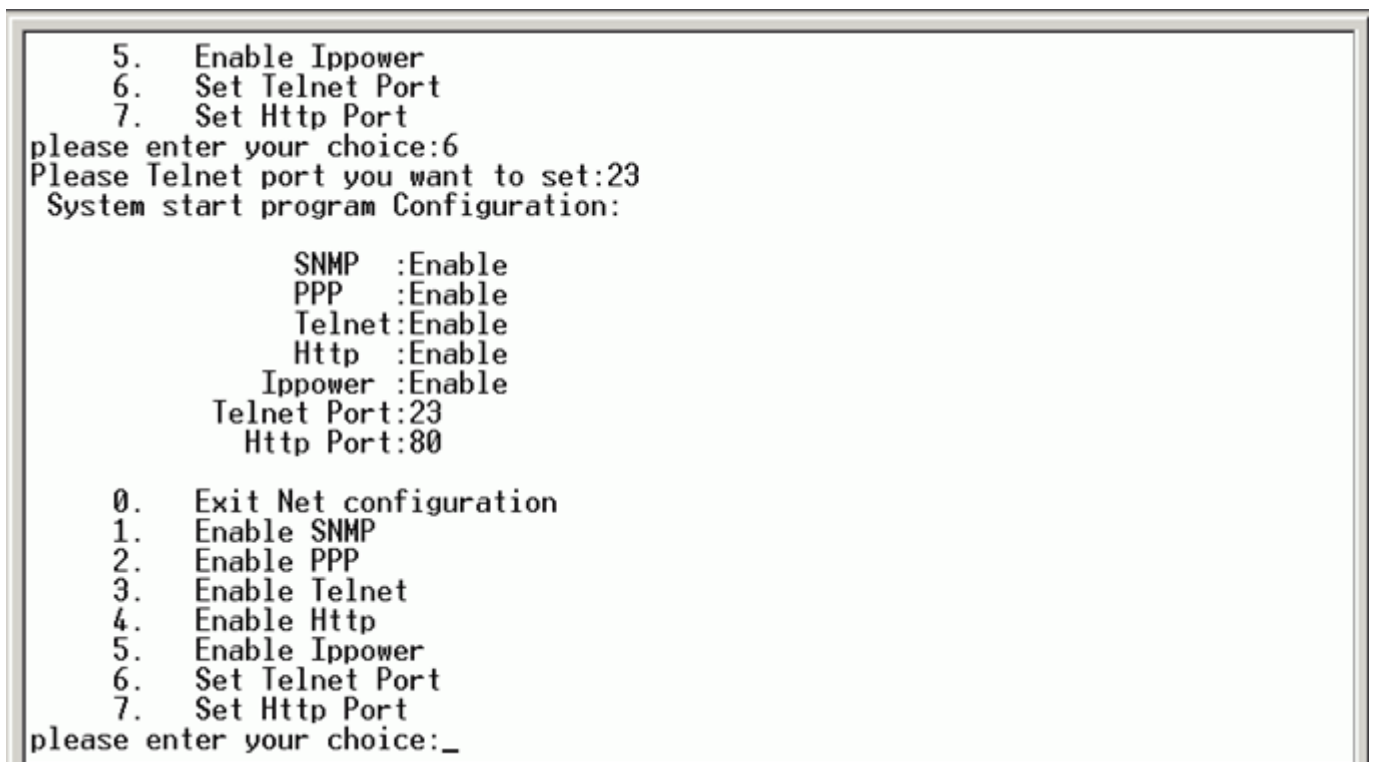
4: Setting whether enable the HTTP, as follows:



5.: Setting whether enable the ippower, as follows:



6.: Setting the telnet port,, as follow:



7.: Setting the HTTP prot,, as follows:

```
5. Enable Ippower
6. Set Telnet Port
7. Set Http Port
please enter your choice:7
Please Http port you want to set:81
System start program Configuration:

      SNMP :Enable
      PPP  :Enable
      Telnet:Enable
      Http :Enable
      Ippower :Enable
      Telnet Port:23
      Http Port:81

0. Exit Net configuration
1. Enable SNMP
2. Enable PPP
3. Enable Telnet
4. Enable Http
5. Enable Ippower
6. Set Telnet Port
7. Set Http Port
please enter your choice:
```

0.: exit net configuration ,enter the main configuration menu

```
      Telnet:Enable
      Http :Enable
      Ippower :Enable
      Telnet Port:23
      Http Port:81

0. Exit Net configuration
1. Enable SNMP
2. Enable PPP
3. Enable Telnet
4. Enable Http
5. Enable Ippower
6. Set Telnet Port
7. Set Http Port
please enter your choice:0

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:
```

#### 4.1.7、system date and time configuration

Enter “6” in the main configuration menu ,can enter the “system date and time configuration”, as follows:



1. Enable SNMP
2. Enable PPP
3. Enable Telnet
4. Enable Http
5. Enable Ippower
6. Set Telnet Port
7. Set Http Port

please enter your choice:0

- 0.Exit Setup
- 1.Network configuration
- 2.NMS configuration
- 3.Trap host configuration
- 4.Ippowerpro server configuration
- 5.Sys start configuration
- 6.Sys date and time configuration

Please enter your choice:6

Current date:11/10/2003 16:30:23 GMT -1.

0. Exit Date/Time
1. Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2. Change Time Zone.

Please enter your choice:\_

You can see the current date in the "system date and time configuration"

1.: change date and time, as follows:

please enter your choice:0

- 0.Exit Setup
- 1.Network configuration
- 2.NMS configuration
- 3.Trap host configuration
- 4.Ippowerpro server configuration
- 5.Sys start configuration
- 6.Sys date and time configuration

Please enter your choice:6

Current date:11/10/2003 16:30:23 GMT -1.

0. Exit Date/Time
1. Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2. Change Time Zone.

Please enter your choice:1

Enter new data and time:01/14/2004 09:28:50

Current date:01/14/2004 09:28:50 GMT -1.

0. Exit Date/Time
1. Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2. Change Time Zone.

Please enter your choice:

2.change time zone ,an follows:

```

5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:6

Current date:11/10/2003 16:30:23 GMT -1.

0.      Exit Date/Time
1.      Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2.      Change Time Zone.
Please enter your choice:1
Enter new data and time:01/14/2004 09:28:50
Current date:01/14/2004 09:28:50 GMT -1.

0.      Exit Date/Time
1.      Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2.      Change Time Zone.
Please enter your choice:2
Enter new Zone:8
Current date:01/14/2004 09:29:31 GMT 8.

0.      Exit Date/Time
1.      Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2.      Change Time Zone.
Please enter your choice:

```

0.exit date/time ,enter the main configuration menu.

```

Please enter your choice:1
Enter new data and time:01/14/2004 09:28:50
Current date:01/14/2004 09:28:50 GMT -1.

0.      Exit Date/Time
1.      Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2.      Change Time Zone.
Please enter your choice:2
Enter new Zone:8
Current date:01/14/2004 09:29:31 GMT 8.

0.      Exit Date/Time
1.      Change Date and Time.(MM/DD/YYYY HH:MM:SS)
2.      Change Time Zone.
Please enter your choice:0

0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Ippowerpro server configuration
5.Sys start configuration
6.Sys date and time configuration
Please enter your choice:

```

Now, and should save the setting.

#### 4.1.8、save and reboot

You must save after setting! There are three ways save reboot for Netmatell Mini :

: 2、to use for this session; 3、save 4、save and reboot .and the “1、to ignore changes;” is mean give up the save.

```
admin
Password:

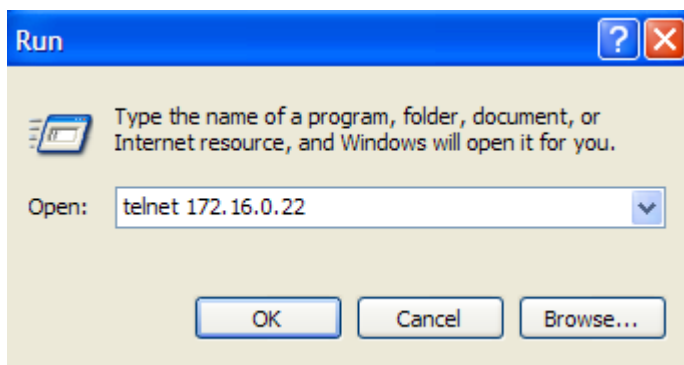
0.Exit Setup
1.Network configuration
2.NMS configuration
3.Trap host configuration
4.Sys date and time configuration
5.Ippowerpro server configuration
6.Sys start configuration
7.Sys update
8.Dev protocol configuration
Please enter your choice:0

*** WARNING *** Configuration changed
1 to ignore changes, 2 to use for this session, 3 save, 4 save and reboot:
```

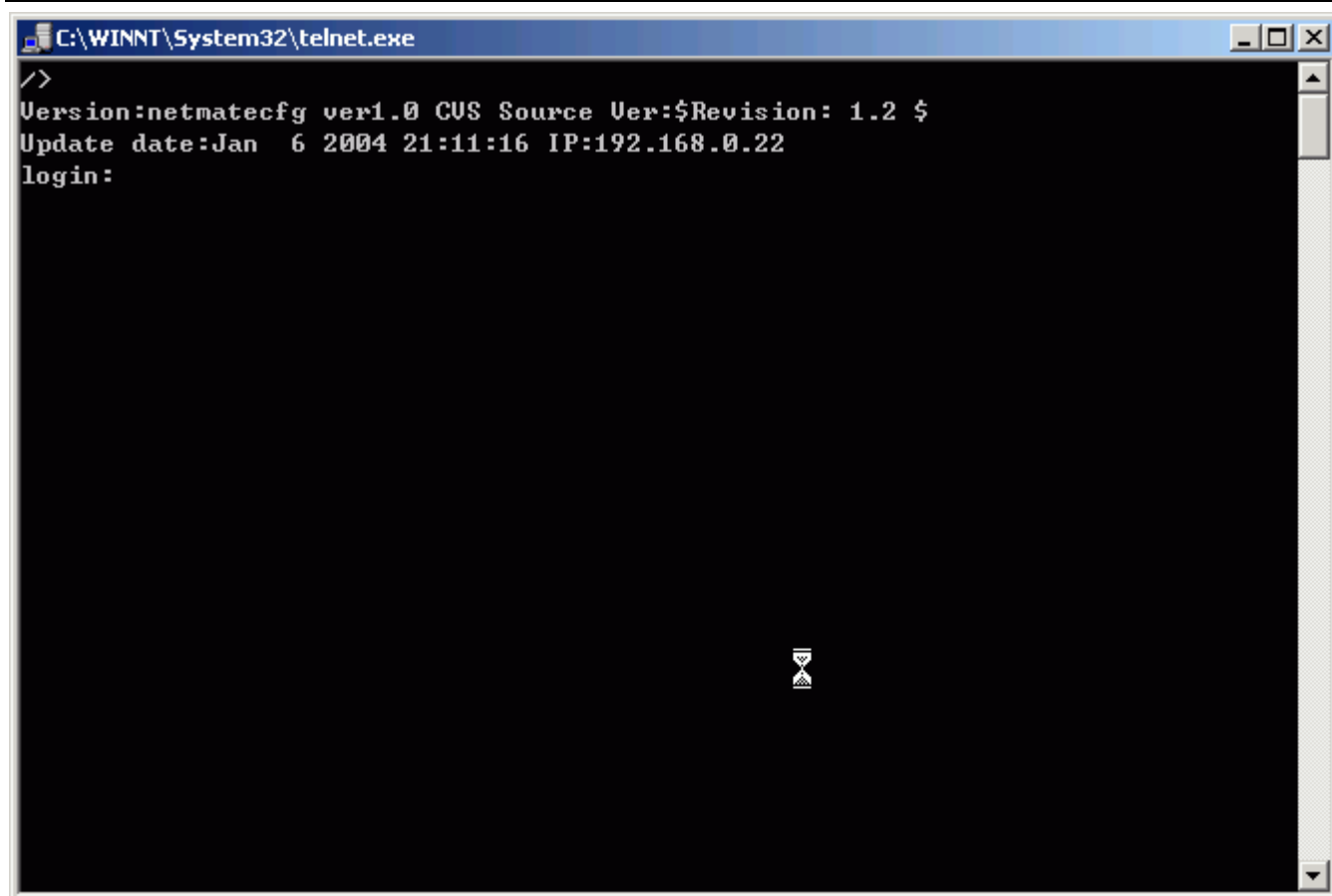
now, all the setting have completed.

## 4.2、Telnet remote network configuration

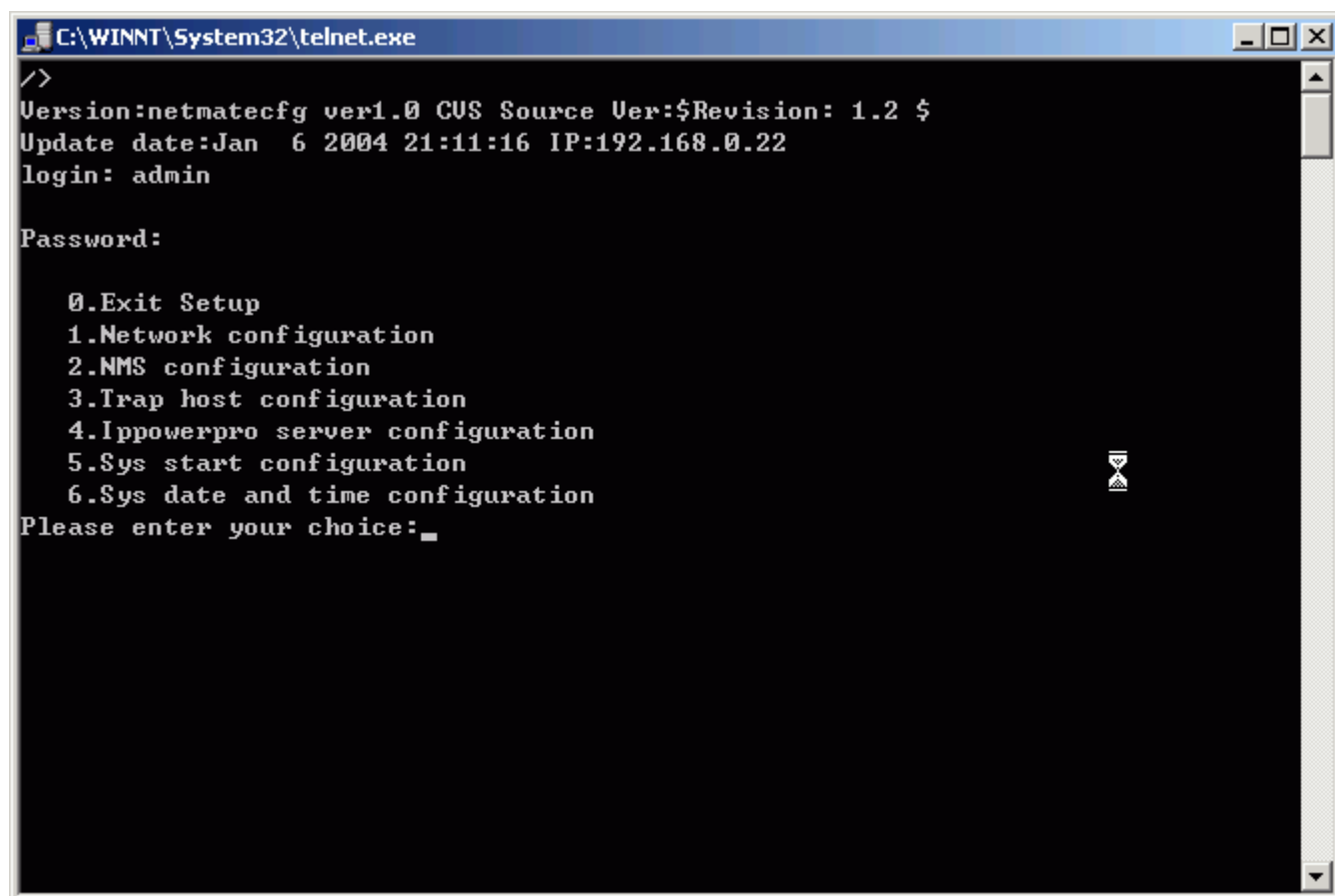
Netmatell Mini can through telnet to configure, this configuration is like to the super terminal. Select "start" ---"run", and inset "telnet IP address" in the window, as follows:



Press the "enter" button, as the following drawing:



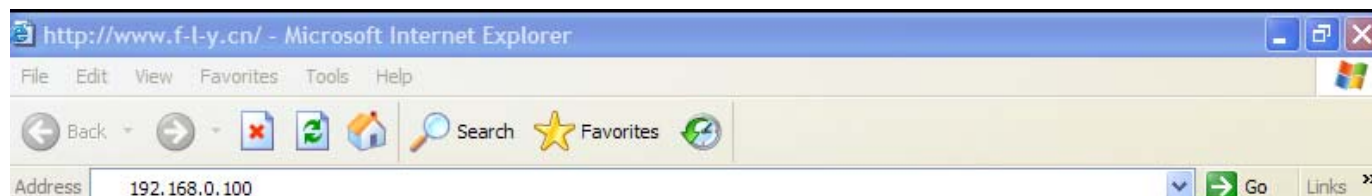
Like the configuration of the super terminal ,insert the user name and password,you can enter the Netmatell Mini main configure menu, as follows:



## 4.3、Web browser configuration

Netmatell Mini supports the HTTP network protocol , you are able to deploy very easy to be more entire by Web browser (as Microsoft Internet Explorer and Netscape) , we take IE for example here.

Open a IE window , input the current IP of NetmateLite ,then click "enter" (leaving the factory :192.168.0.100), will pop one "importing network password " window , as follows:



In this window, you need input the user name and the password ( leaving the factory: user name: admin; password: admin)

You can enter the home page of Netmatell Mini after you input correct user name and password.as follows:



And then you can refer the system help to configure it.

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