USER MANUAL
Product name: Gateway
M/N: M82RS02

一、 Router IP Address

Before using a router, we need to know the IP address of the router, network parameters, such as a router support "static" and "dynamic access to" two IP access。"Static access" means equipment use the saved "IP address", "subnet mask", and "gateway" set, this way is equipment factory default; "Dynamic acquisition" refers to the equipment using the DHCP protocol, obtained from the DHCP server on the network IP address, subnet mask and gateway information.

1. IP routing equipment factory Settings

The default IP address for router ：192.168.0.178

2. User access to the IP routing equipment

When a user forget the routing device IP address, can get equipment current IP through ZNetcome software 。ZNetCom software is running on Windows platforms of router configuration software, no matter how much is the current IP router, the current can be obtained through ZNetCom software router IP, and carries on the configuration, using ZNetCom software access router IP steps are as follows:

Connect hardwere

LAN port to use cables will equipment front-end ports to connect to a PC, turn on the juice.

ZNetCom software installation

ZNetCom software installation see 5.1 installation configuration software section, please use the latest version, the user can in the following link you can download the latest version of the software

http://www.embedcontrol.com/products/Ethernet_tools/ethernetsoft.asp

Click on  run ZNetCom software, shown UI interface, can get the router IP address.

3. PC and router network segment detection

Users before using routers communicate with PCS, need to make sure that the user's PC with Ethernet card, and the PC Settings and the router must be within the same network segment.

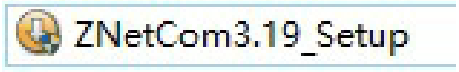
Router in the IP address of the factory set up a default (192.168.0.178) and network mask (255.255.255.0), the user can according to the process of check whether the device is shown in figure 1.3 and users PC in the same network segment. If in the same network segment, congratulations you, the following content about PC network Settings you don't have to see. If different, then the following

the content of PC network setup is very important to you 。

the content of the above instructions how to use the user's PC and routing are on the same network segment

二、 ZNetCom software installation

Double-click the ZNetCom3.19 is shown in figure 2.1 _Setup. Exe file, start the installation。



As shown window is open, the window asking you need to install directory (the default install to C: \ Program Files \ ZNetCom Utility directory), if need to change the installation directory, you can click on the "browse" button。

Click on the [install] began to copy the file to the installation directory, pop up after the installation is complete as shown in figure 2.4 the successful installation of prompt window, click "finish" to exit the software installation.

The configuration software installation is complete, supporting the use of the user, please check again whether have good wiring routers and PC card.

三、 WEB browsing configuration

Router supports the use of the Web browser configuration, using way is introduced as follows:

1. Set the IE browser

Before using web set, need to make sure that the module configuration of PC and the module belong to the same network, particular way please refer to section 1.3.

Within ensures that they belong to the same network, you also need to set up the connection options, open the IE browser, click tools - > Internet options, select "connect" page after open the window, select "never dial-up connection", then click "LAN

Settings" button, in the local area network (LAN) Settings window Settings.

Set after press "ok" button to exit. This can be set up web pages.

Note: if the user's computer installed some firewall or antivirus software such as: kaspersky, etc., can cause a landing page is not successful. Recommend that users in the use of web page configuration before close the firewall and anti-virus software, or setting up a firewall and anti-virus software, allows automatic open multiple pages.

2. Record the web configuration system

Open a browser and enter the router IP address in the address bar, appear as shown in figure 3.2 login screen (screenshots in this chapter using the environment for Windows 7, 8).

Note: IE address input rules is [http://ip:port], which IP is IPort - 3 modules "IP address" (factory Settings for 192.168.0.178); The port is IPort - 3 modules "web port" (the factory is set to 80), when the port is 80, ": port" can be omitted, directly on the IE address bar enter [http://ip]. If the user has downloaded to write your own configuration page, but still want to visit the IPort - 3 modules with configuration page, the input http://ip:port/index.htm in IE address, such as: http://192.168.0.178/index.htm

Enter "admin" in the "user name", enter the password in the 【 password 】 (factory Settings for "88888"), and then click "confirm" button, the browser will automatically enter the administrator configuration interface is shown in figure 3.3.

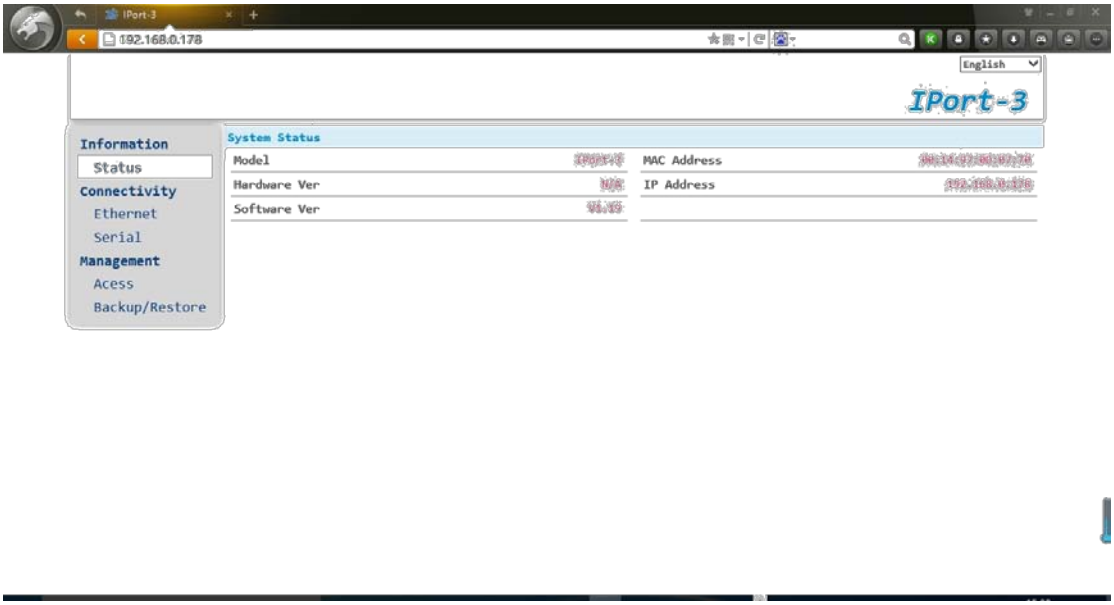


Figure 3.3　administrators configure the interface

Input "guest" in the "user name", enter the password in the 【 password 】 (factory Settings for "88888"), and then click, the browser will automatically enter the user configuration interface is shown in figure 7.4

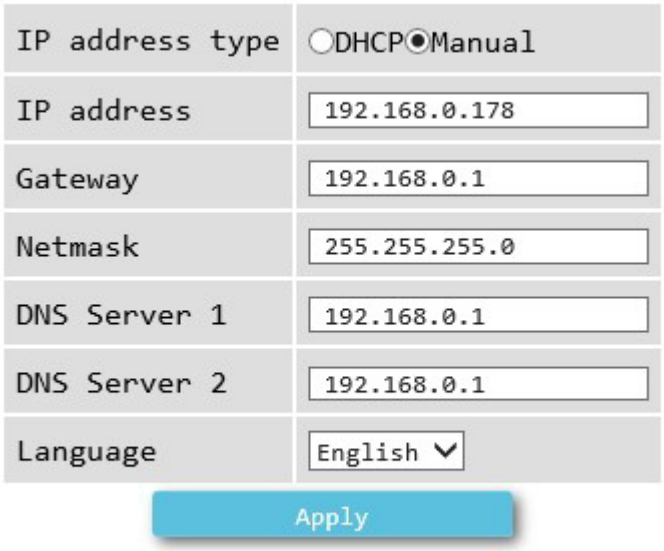


Figure 3.4 Visitor to configuration interface

3. Function set

3.1 Network link configuration is used to set the router network parameters, equipment name, IO, IP filtering, etc.

Click "network connections" to open the web link Settings page, as shown in figure 3.5.

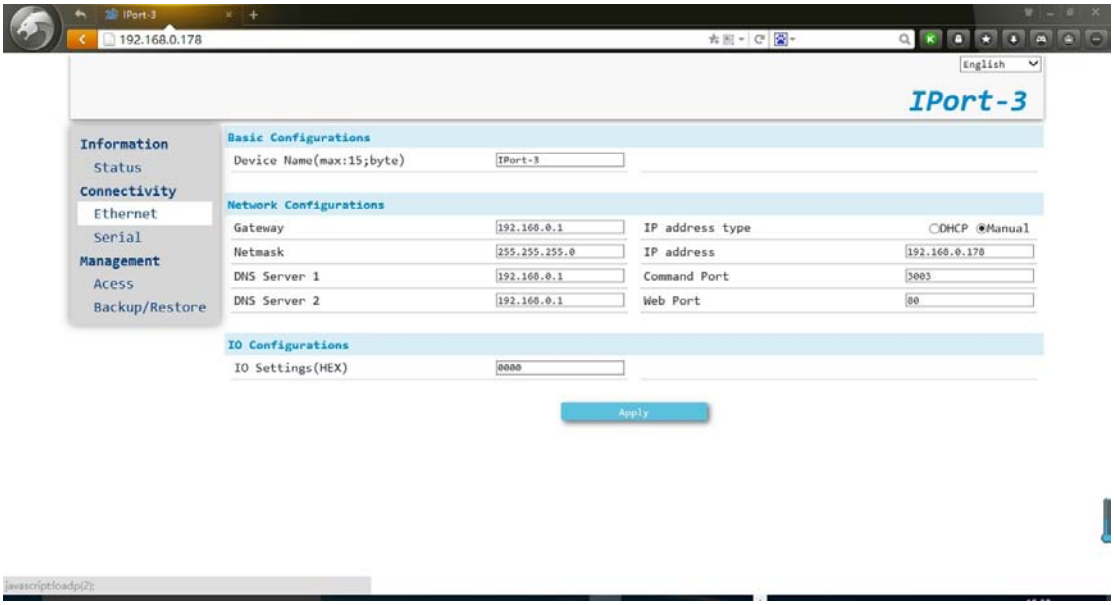


Figure 3.5 network link configuration

Users according to need to fill in the corresponding parameter in your web page, click the "save" button below to modify system parameters of the equipment.

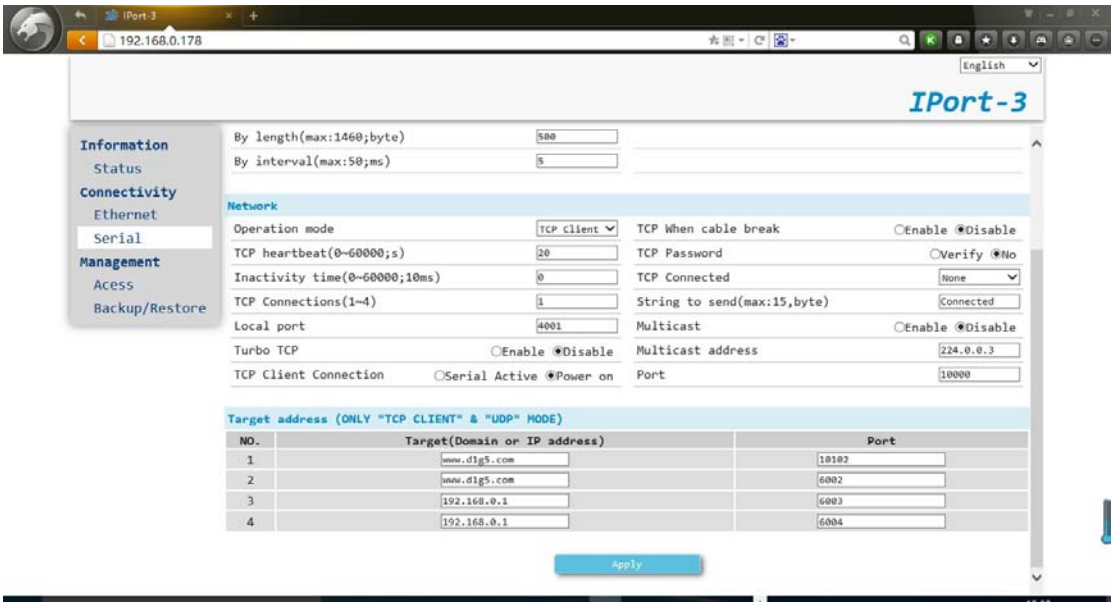
Note： The user can change the IP and port of the router

3.2 A serial port connection

Note： The parameters of the serial port connection user does not need to be modified, please (the rate of serial communication of 115200 byte/s).

Network configuration

When work mode to the TCP Client, configuration needs to connect server destination address and port number, as shown in figure 3.6:



Figrue 3.6 Configure the destination address and port number

4. Modify password

Click can open access Settings 】 【 change password page, as shown in figure 3.7. In the interface the user can modify the password for the administrator password and visitor, you can also choose to allow or prohibit visitors log in.

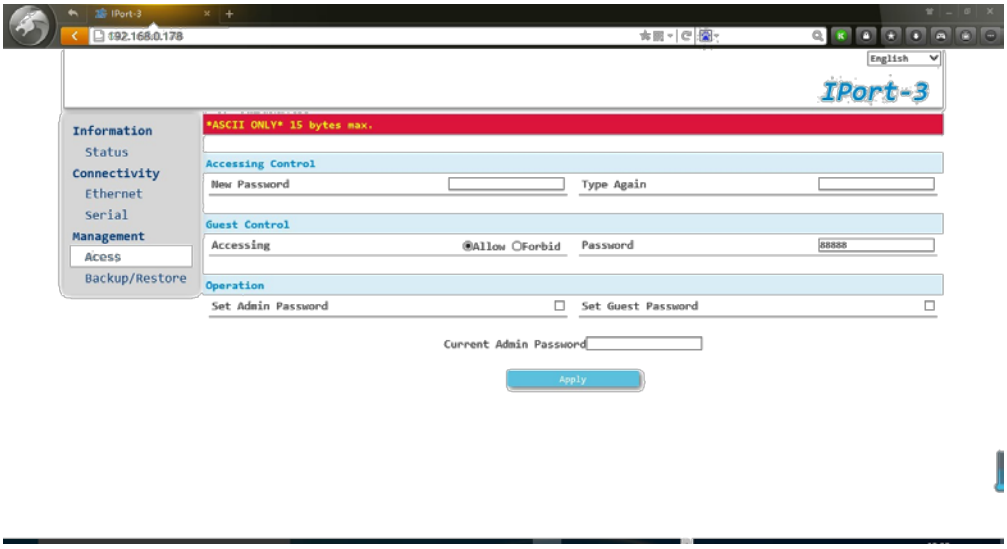


Figure 3.7　Modify password

5. Backup recovery

5.1 Restart the device

Click backup and restore) restart your device, or restore the factory Settings, page appears as shown in figure 3.8。

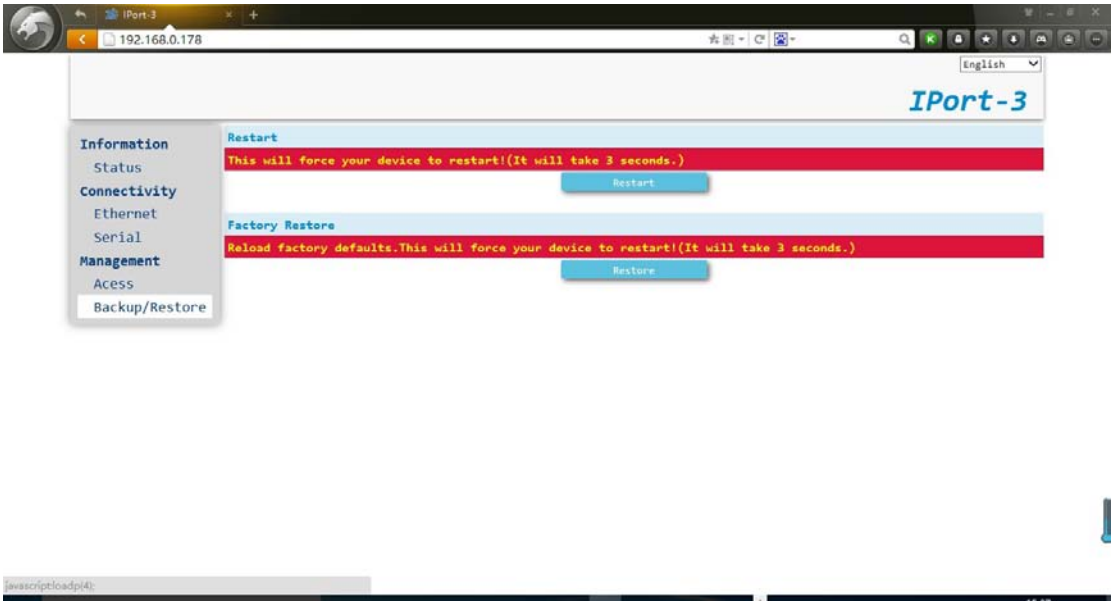


Figure 3.8　Restart　the device

Click the "restart" button, the pop-up dialog box, as shown in figure 3.9 click [sure] button, equipment automatic restart.

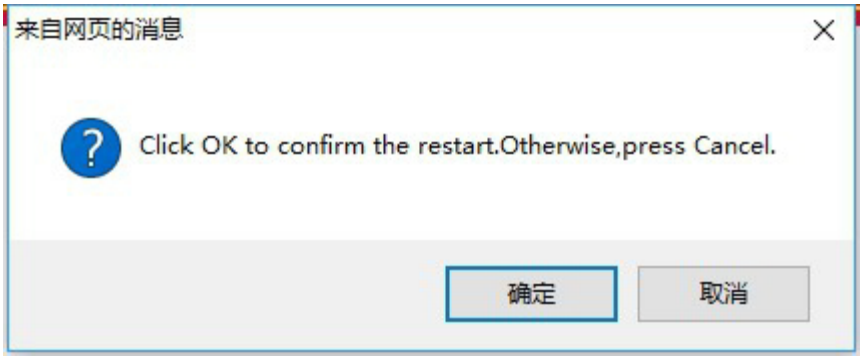


Figure 3.9 Restart dialogue screen

5.2 Reset the default of factroy

"Restore" button and click on your web page will pop up as shown in figure 3.10 the dialog box, click on [sure] button, you can restore factory Settings.

FCC Statement

This equipment has been tested and found to comply with the limitsfor a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct.
The interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.
This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:
This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.
Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

FCC RF Radiation Exposure Statement
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.