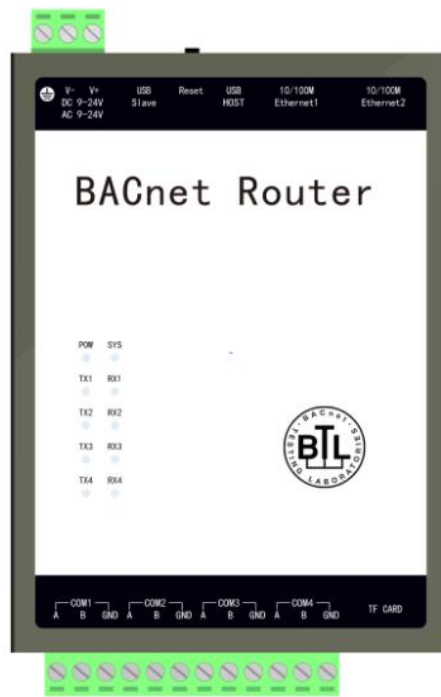


BACnetRouter Manual



Router1002-ARM



Router2004-A9

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1 Introduction

1.1 Statement

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1.2 Technical Support

- Technical Support E-mail: support@opcmaster.com
- Technical support hotline: 021-58776098
- URL: <http://www.opcmaster.com> or <http://www.bacnetchina.com>

2 Overview

- This description is applicable to two models of Router1002-ARM and Router2004-A9. The former can take two MSTP buses, while the latter can take four MSTP buses.
- Works: Router as an Ethernet routing, to achieve pass-through between the BACnet MS / TP and Ethernet BACnet IP. It applies to Johnson, Honeywell, Siemens, Delta, Schneider, and chinese domestic series of DDC, and Belimo, TROX valve controller MSTP bus integration. BA manufacturers can also achieve DDC equipment program upload and download functions.
- Pure WEB conFigure uration, user operation is very convenient.

3 Procedure

Router is a pure web-based conFigure uration, The default factory IP address

of the gateway is 192.168.1.88, Users only need one network cable(either cross or direct connection) to connect directly to the gateway. Then set the PC and gateway as the same network segment, and input the IP address 192.168.1.88 in the browser to complete the configuration of Router series.

3.1 Web Login

Input the IP address of the gateway 192.168.1.88 in the browser.

Input a user name and password in the pop-up window , as shown 3-1-2.



Figure 3-1-1 user login

Note that the default user name is "admin", password "admin123456".

3.2 Download Instructions

download file: Download Router Manual, as shown 3-2-1.

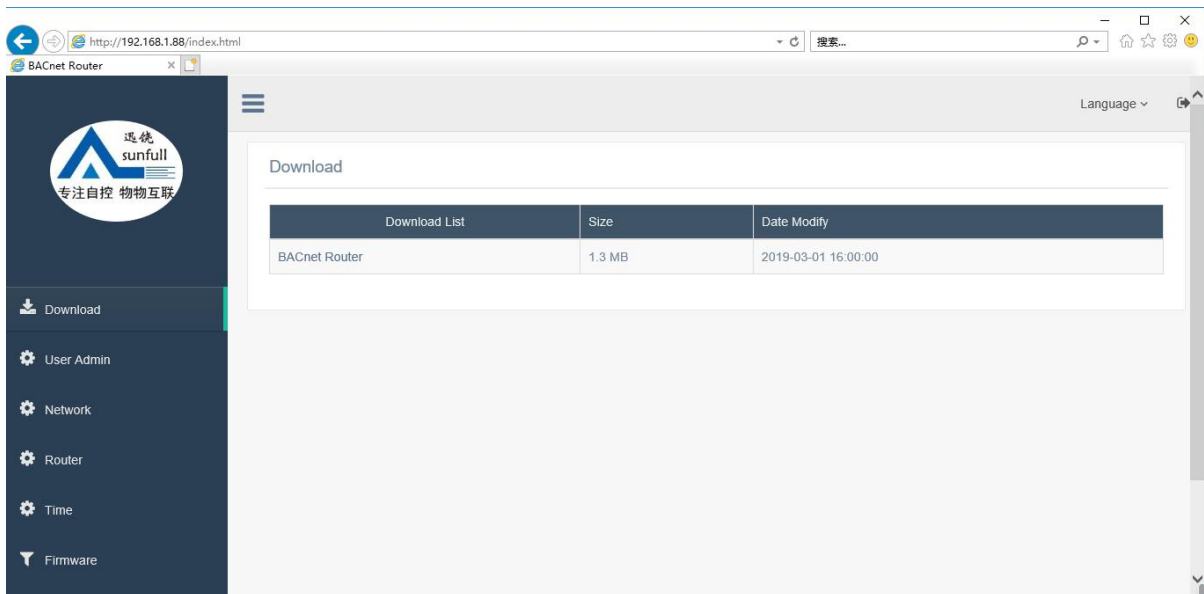


Figure 3-2-1 download instructions

3.3 User Management

User Management: Users can add, modify, delete, etc. to manage their own login account, as shown 3-3-1.

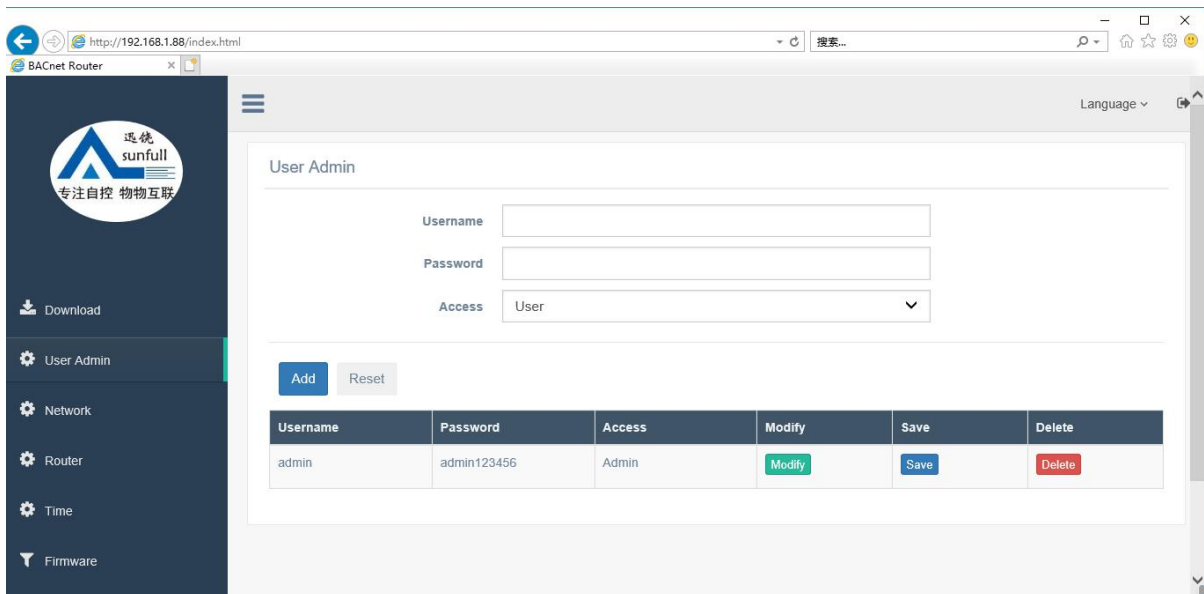


Figure 3-3-1 User Management

3.4 Ethernet port settings

Ethernet port settings: Set Router network interface IP address, as shown 3-3-1.

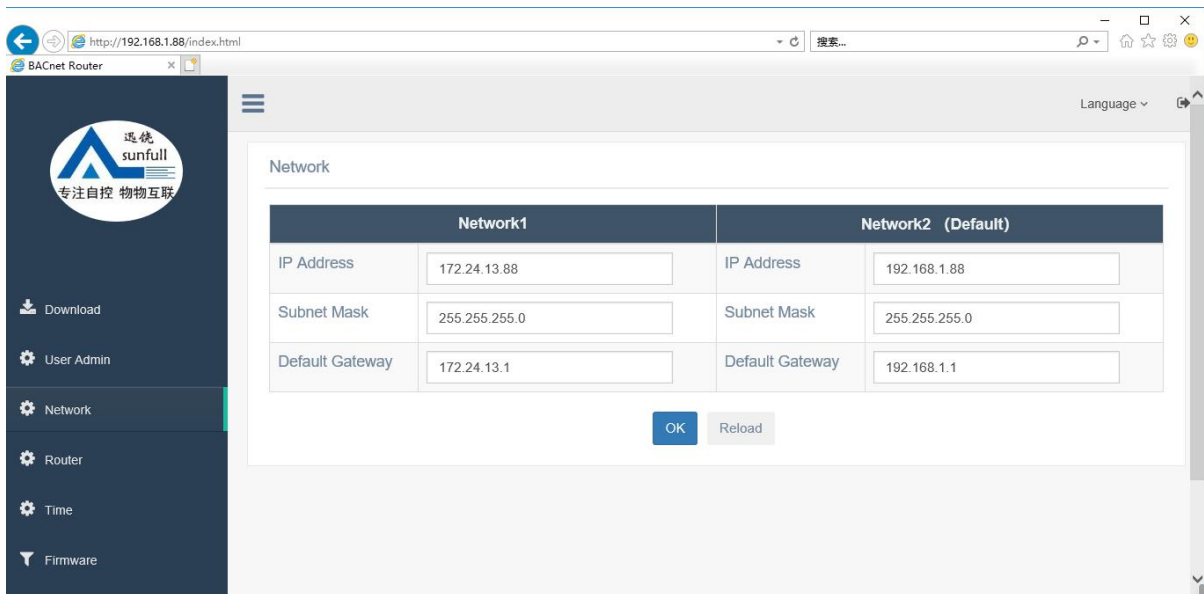


Figure 3-3-1 network port provided

Note Router2004 model has two Ethernet ports can be routed simultaneously to two different IP segments, Router1002 model has only one Ethernet port can be set.

3.5 Router settings

Router settings: Set Router parameters, as Figure 3-5-1.

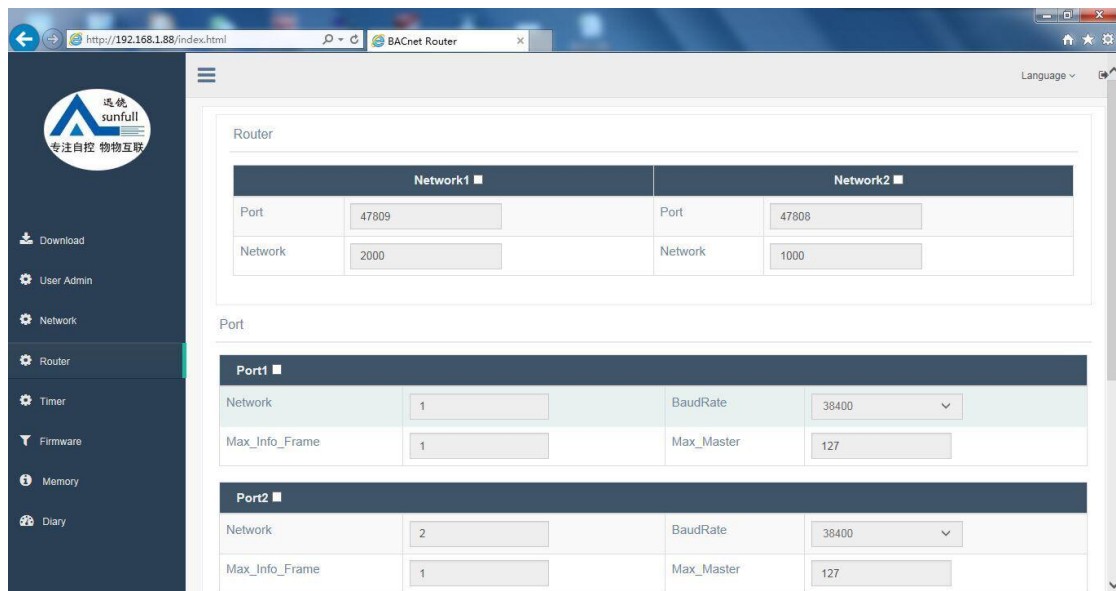


Figure 3-5-1 Router settings

note:

1, Router itself needs to set the network number. For example, if two network

ports are used for routing, the network number and port number need to be distinguished.

2, The MAC address of Router itself is fixed at 127, so the MAC address of the device on the MSTP bus can't be set to 127.

3, MAC addresses between buses can be duplicated and need to be distinguished by the network number (the network number set by each com port should be unique).

4, The baud rate of each Com port is set independently. Currently, the supported bus baud rate is 9600,19200,38400,57600,76800,115200, etc.

3.6 Time Settings

time setting:Set the system time of Router itself, as shown 3-6-1.

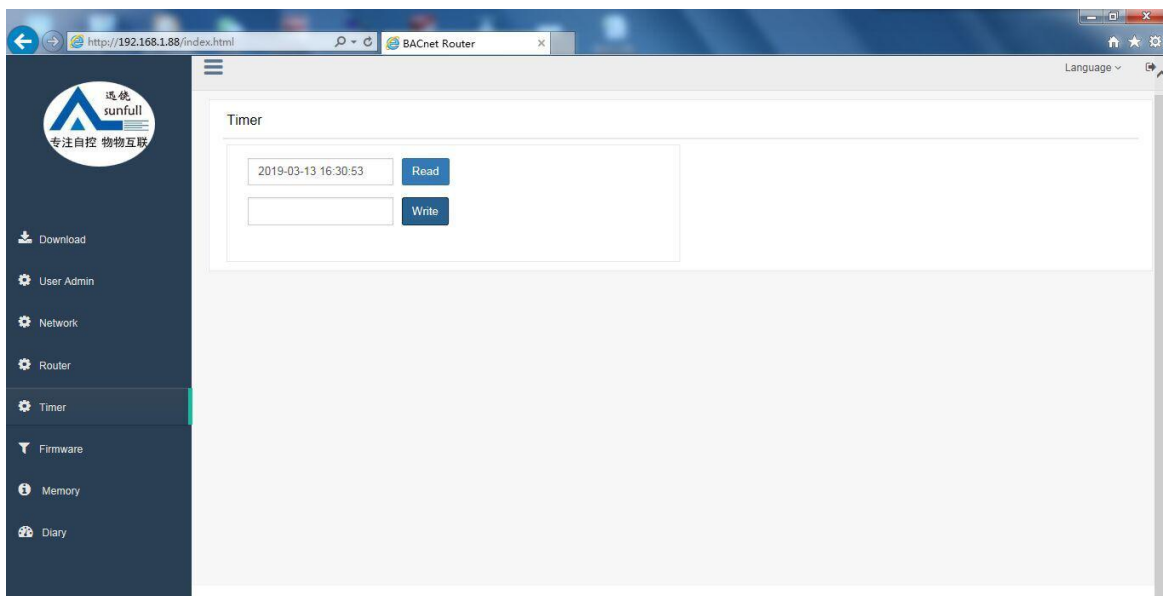


Figure 3-6-1 Time Settings

3.7 Firmware Information

Firmware Information:Firmware information means that the user can check the firmware version information, current registration code and machine code programming, as Figure 3-7-1.

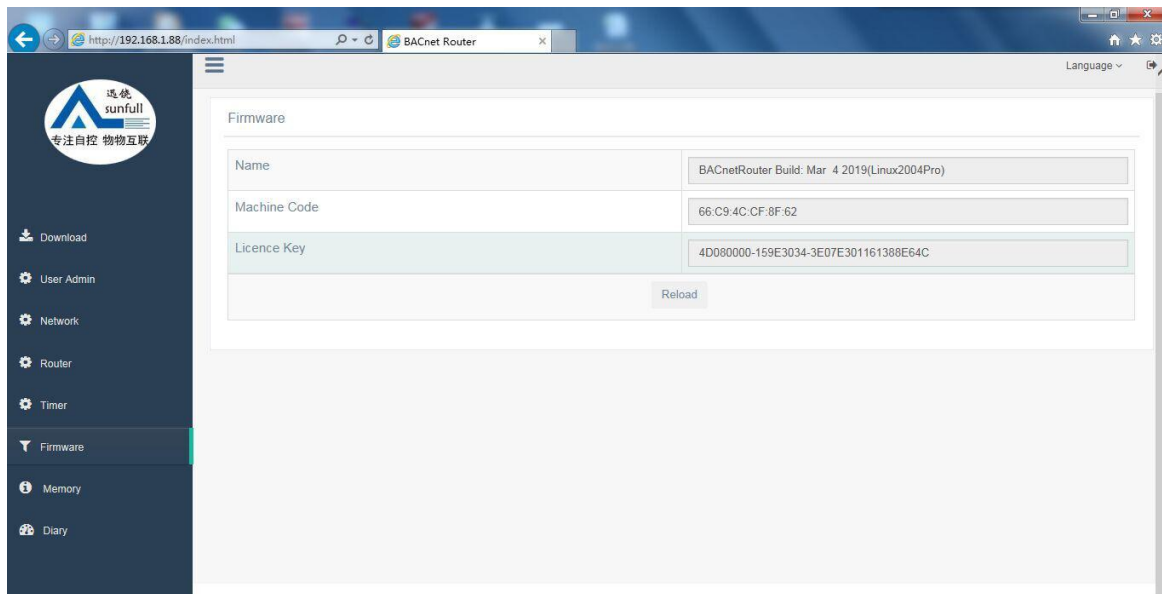


Figure 3-7-1 firmware information

3.8 System Information

system message: You can view the gateway's memory usage and restart gateway, as 3-8-1.

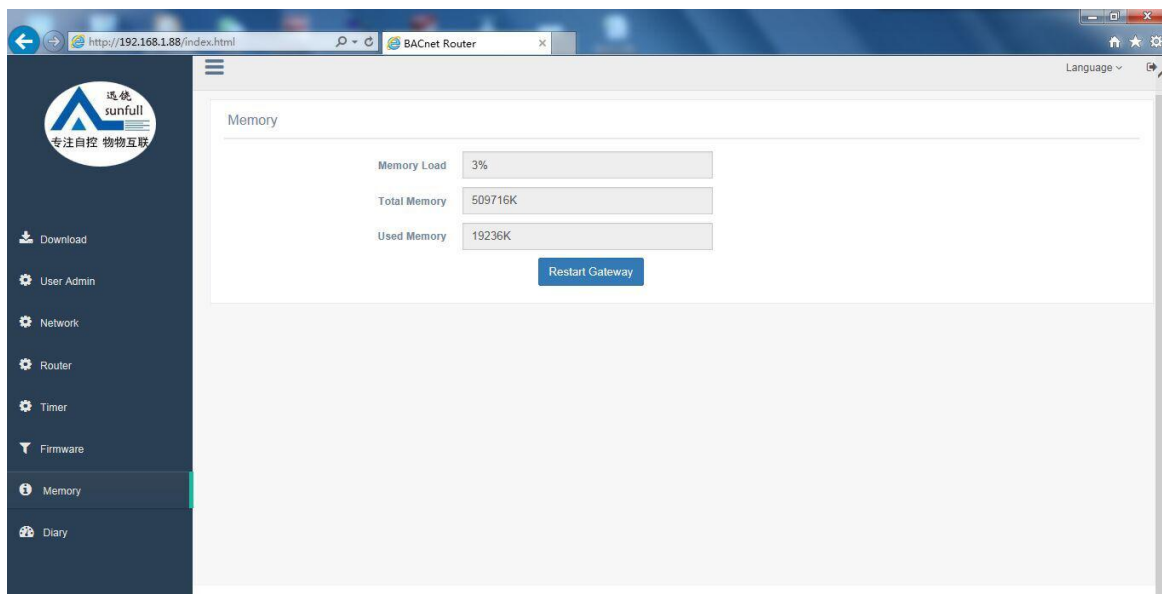


Figure 3-8-1 view system information

3.9 log message

Log Messages: View the log message prompted by the system, as Figure 3-9-1.

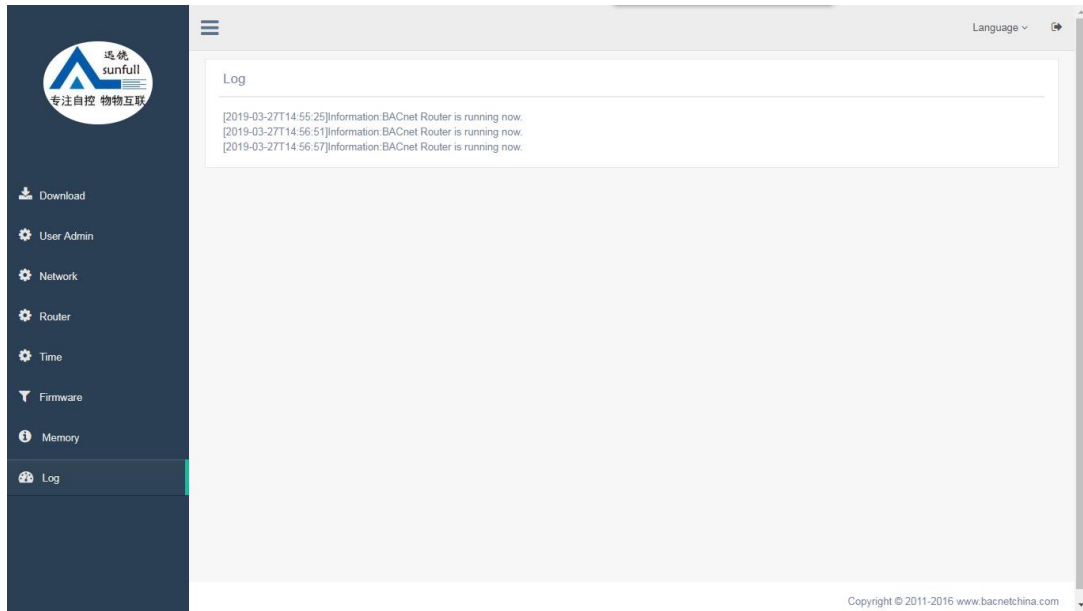


Figure log messages 3-9-1

4 BACnet Client Test

BACScan scans the device through BACnetIP, as 4-1

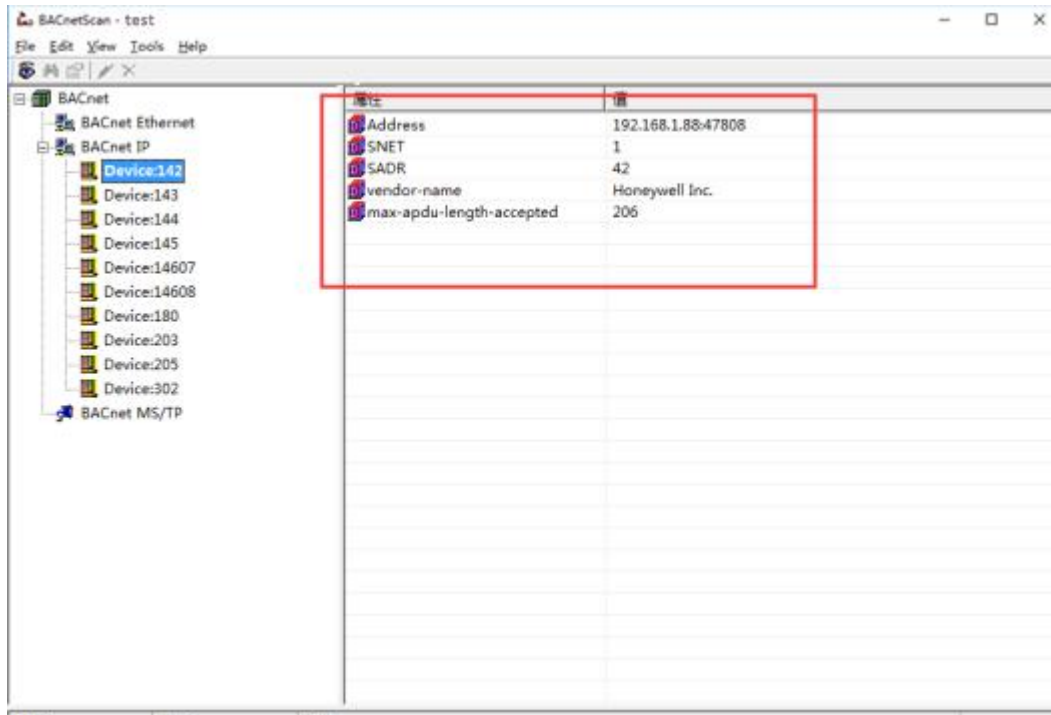


Figure 4-1 Search for devices