Instruction for installation

Suitable gateway type（1 network port 2 serial port）

Model: BAC1002-ARM MOD1002-ARM HUB1002-ARM SNMP1002-ARM

1.0 software configuration step (refer to the relevant configuration software operation manual)

please confirm the following:

- the configuration project is correct;

- upload engineering files to the gateway (note not download works)
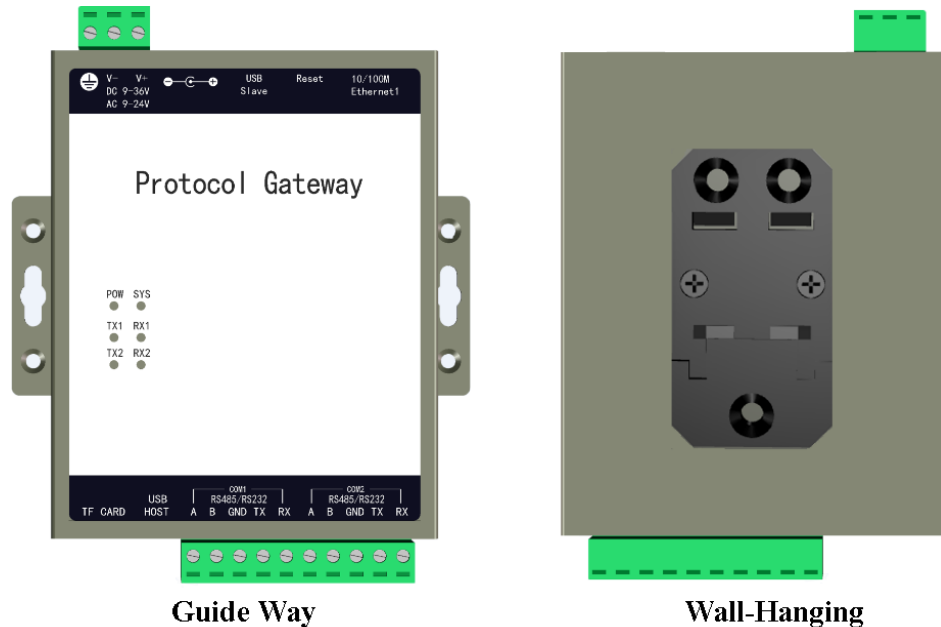
- simulation test to collect data;

2.0 gateway graphic

Wall type installation gateway size:129mm×109mm×27mm(L×W×H)   weight：200g

Guide rail installation gateway size: 129mm×86mm×34mm(L×W×H)   weight：200g

Power: AC/DC 9~24V (rated power 5 W);（V+ , V-）

Gateway:

Guide Way   **Wall-Hanging**

3.0 wiring description:

Ethernet network: if the network port protocol is used, the default IP address is 192.168.1.88.

Reset: when the user forgets the gateway IP address, the user can press the Reset button until the gateway "tick" and the network port temporarily restore the default IP address, and then log in 192.168.1.88 to check the original IP address of the gateway.(the operation takes effect immediately, and fails after power failure)

RS485 interface: 2 total isolation RS485 interface A (+) B negative (-)

RS232 interface: 2 full isolation RS232 interface (note: reusing relationship with RS485)

Rx (2) TX (3) GND (5)

DB9-M   Gateway RX (2) ~~ device TX (3)

            Gateway TX (3) ~~ device RX (2)
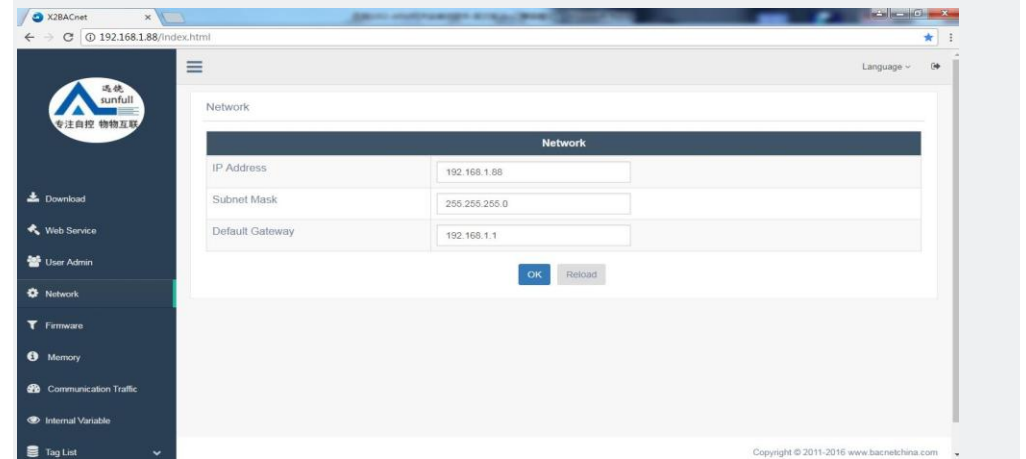
            Gateway GND (5) ~~ equipment GND (5)

DB9-F   Gateway RX (2) ~~ device RX (2)

            Gateway TX (3) ~~ device TX (3)

            Gateway GND (5) ~~ equipment GND (5)

4.0 login gateway Web server

The network line receives the Ethernet, the default IP address: 192.168.1.88 login user name: admin password: admin123456

Note: download gateway configuration software after entering the web server, please refer to the PDF document under the Help folder for specific operation.

5.0 common problems

Question 1: how to change the IP address?

Answer 1: gateway factory default IP address 192.168.1.88, subnet mask 255.255.255.0, default

gateway 192.168.1.1.

Users to use for the first time with a computer and gateway with cable local docking, then change the IP address to the computer and the gateway within the same network segment in able to ping the gateway IP address, open a browser and enter the gateway IP address 192.168.1.88, can login gateway Web server, as shown above in the "front-end ports set" column set IP address.

Q2: what if the project files are saved in the computer?

Answer 2: login gateway, WEB page "download file" to have the last project file backup, download can.

Q3: what is the difference between different models of the gateway hardware?

Answer 3: the main models are as follows:

Model	Hardware Parameter	Interfaces	Supported Points	Supported Port
1002-LITE	CPU：240MHz Memory：32M	1 ethernet 2 serial ports	256	2 RS485 & 2 RS232
1002-ARM	CPU：240MHz Memory：32M	1 ethernet 2 serial ports	256	2 RS485 & 2 RS232
2004-LITE	CPU：400MHz Memory：64M	2 ethernets 4 serial ports	1024	4 RS485
2004-ARM	CPU：400MHz Memory：64M	2 ethernets 4 serial ports	1024	4 RS485
2004-A9	CPU：1.4GMHz Memory：512M	2 ethernets 4 serial ports	2048	4 RS485
1022-1U	CPU：400MHz Memory：DDR2	1 ethernets 4 serial ports	1024	4 RS485

Sunfull Gateway model

BACnet Gateway:BAC1002-LITE (economical),BAC1002-ARM,BAC2004-LITE(economical), BAC2004-ARM, BAC2004-A9

Modbus Gateway: MOD1002-LITE (economical), MOD1002-ARM, MOD2004-LITE (economical), MOD2004- ARM, MOD2004-A9

Modbus Hub Gateway: HUB1002- ARM, HUB2004-ARM

SMS Alarm Gateway: HMI2004-A9-GPRS

SNMP Gateway: SNMP1002- ARM, SNMP2004-ARM

IEC104 Gateway: IEC 2004-ARM

WEB Configuration Gateway: HMI2004-A9-GW

Sunfull WEB Touch Panel series

Basic version: W7-1041

Gateway version: W7-1041-GW, W10-1041-GW, W15-1041-GW

Sunfull Software Gateway

OPC transfer BACnet: O2B- Softkey, O2B-USBkey

OPC transfer Modbus: O2M- Softkey, O2M-USBkey

OPC transfer Modbus- cloud: O2M-WEB- Softkey, O2M-WEB-USBkey

OPC transfer IEC104: O2I-Softkey、O2I-USBkey

OPC transfer SMS: O2S-Softkey、O2S-USBkey

OPC transfer Web: O2W-Softkey、O2W-USBkey

OPC transfer SNMP: OtS-Softkey、OtS-USBkey

Sunfull OPC server

OPC server: X2O- Softkey, X2O-USBkey

OPC server: OPCHub

Sunfull Free Software

BACnetScan scanning tool, MBUS scanning tool, Niagara interface, and WEBS interface

Welcome to follow Shanghai Sunfull's wechat public number : BACnet

to know more new products and solutions.

Shanghai Sunfull Automation Co., LTD. TEL: +86-021-58776098

Address: A466,building1, NO.2588,JinhaiRoad,Pudong,Shanghai,China

Technical support E-mail: support@opcmaster.com

Technical support Tel: 021-20252795   Website 1: www.bacnetchina.com

SalesTel: 13564889340   Contacts: Linda Chen   Website 2: www.opcmaster.com