Instruction for installation

Suitable gateway type（1 network port 4 serial port ： 4 RS485, 1 RS232）
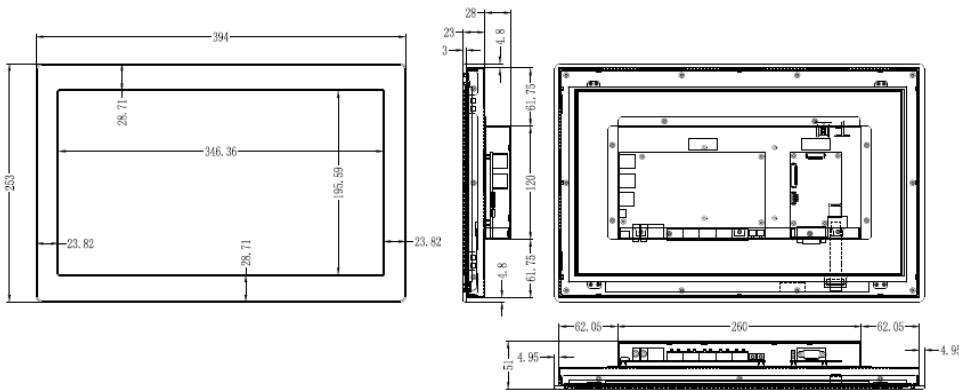
Gateway version: W15-1041-GW

1.0 Before use the software configuration step (refer to the relevant configuration software operation manual), please confirm the following:

- the configuration project is correct;(please refer to the X2View configuration software operation instructions for details)

- upload engineering files to the touch panel;

- simulation test to collect data;

2.0 Touch panel size

15.6 inch touch panel Hole size: L:384.1+3=387mm   W:243.5+2.5=246mm   weight: 2850g

Installation method: (Card buckle installation)

3.0 wiring instructions

Power supply: AC/DC 12~24V (rated power 15W);

Network port: default IP address 192.168.1.88;

Full isolation RS485 interface: (COM1, COM2, COM3, COM4)

A positive (+) B negative (-) GND (ground)

Full isolation RS232 interface: 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)

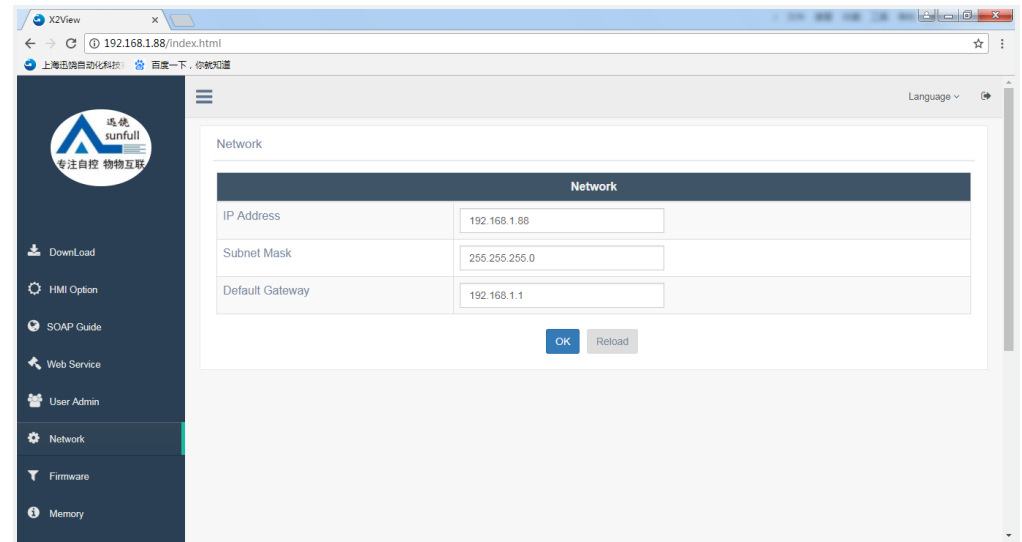Gateway TX (3) ~~ device TX (3)

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

4.0 Login touch panel Web server

Under the network cable to the Ethernet port, enter the URL on the browser:

http://192.168.1.88/login.html   Login Username: 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

Q1: how to modify the IP address of the gateway/touch panel?

A1: The gateway factory default IP address 192.168.1.88, subnet mask 255.255.255.0, default gateway 192.168.1.1.

For the first time using, user need a cable directly connect computer and gateway/touch panel, and then change the IP address to the computer and gateway/touch panel within the same network segment (e.g., computer IP to 192.168.1.55), after confirmation to ping, open the browser, enter the URL: http://192.168.1.88/ login. HTML, log on to the Web server, as shown above in the " network" column set IP address.

Q2: What if the project files are not found in the computer?

A2: The project files can be downloaded in the configuration software; or login the gateway/touch panel to the WEB page "download " and click "project file" to download.

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

A3: The main models are as follows:

Model	Hardware Parameter	Interfaces	Supported Points	Supported Ports
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

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to know more new products and solutions.