

Modbus Gateways

Product Model : MOD2004-A9 (Guide Way) MOD2004-A9-B (Wall-Hanging)

Functional description : X2Modbus is a hardware Gateway with 1 ethernet and 2 serial ports. Matching software is X2Modbus . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by Modbus hardware Gateway into standard Modbus. Configured project files by Modbus are uploaded to hardware gateway, users can read/write point informations from different manufacturer by Modbus system. Note that this gateway acquisition end and forward the Modbus register base address is from 1 (Base1).

Application Fields : Modbus gateway MOD2004-A9 (2 ethernet 4 serial ports, It actually only USES 1 mesh) supports multiple protocol transformations , For the solution of Citect、ifixes、RSVIEW、WINCC、Kingview、 e-Control and other configuration software cannot connect the problems of some unusual control devices. For example, DDC、 PLC central air conditioning、 Precision air conditioning、 elevatoSr、 fire lighting、 control system electric、 electric meter、 water meter, etc .

Runtime environment :

OS : Windows XP/ 2000/2003/2003 /Win 7/Win 8/Win 10/Win Server 2003/Win Server2008/Win Vista.

Browser : IE9 (and above) 、 Safari、 Google Chrome、 firefox、 Opera etc.

Register Type&Num

Modbus Gateways supports Modbus RTU/TCP server , The register type and number of the supported registers are shown below:

Note: the number of gateway registers is dynamically supported, and 5120 points can be built for each register.

Modbus Register Types	Modbus Register number
0X (Read & Write)	5120(1~5120)
1X (Read only)	5120(1~5120)
4X (Read & Write)	5120(1~5120)
3X (Read only)	5120(1~5120)

MOD2004-A9

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Software Features:

- Green and free installation, support both Chinese and English;
- close to 200 protocols can be converted into ModbusRTU and ModbusTCP server;
- Support WEB browsing, viewing, setting, monitoring and control;
- Support for linear transformation, location, and high and low byte conversion;
- Support for internal variable functions,Support to view the device from online status;
- Support 0X 1X 3X 4X four register types;
- Configuration software X2Modbus configuration engineering is convenient,the 5120 dots will be completed within 10 minutes;
- Add a new private protocol to support Modbus, which can be completed within 2 weeks;

Hardware Parameter :

CPU : 1.4GHz	Power : AC/DC 9-24V
Memory : 512M High performance memory	Size(L×W×H) : 142*112*28mm(Wall-hanging) 142*91*35mm(Guide Way)
System : LINUX	Weight : 250g
Watts : 5W	Material : Aluminum Cover
Interface : 2Ethernets 4Serial Ports(4RS485)	Setup : Wall-hanging (MOD2004-A9-B) Guide Way (MOD2004-A9)
Flash : 4GB	Temperature : -40 ~ 85°C(working) -40 ~ 85°C(storage and transportation)
Network: 2 High-performance 100M/10M adaptive Industrial Network Cards, support AUTO MDI/MDIX	Humidity: 20% ~ 90%, no condensation (work), 15% ~ 95%, no condensation (storage and transportation)

MOD1002-Lite

MOD1002-ARM

MOD2004-Lite

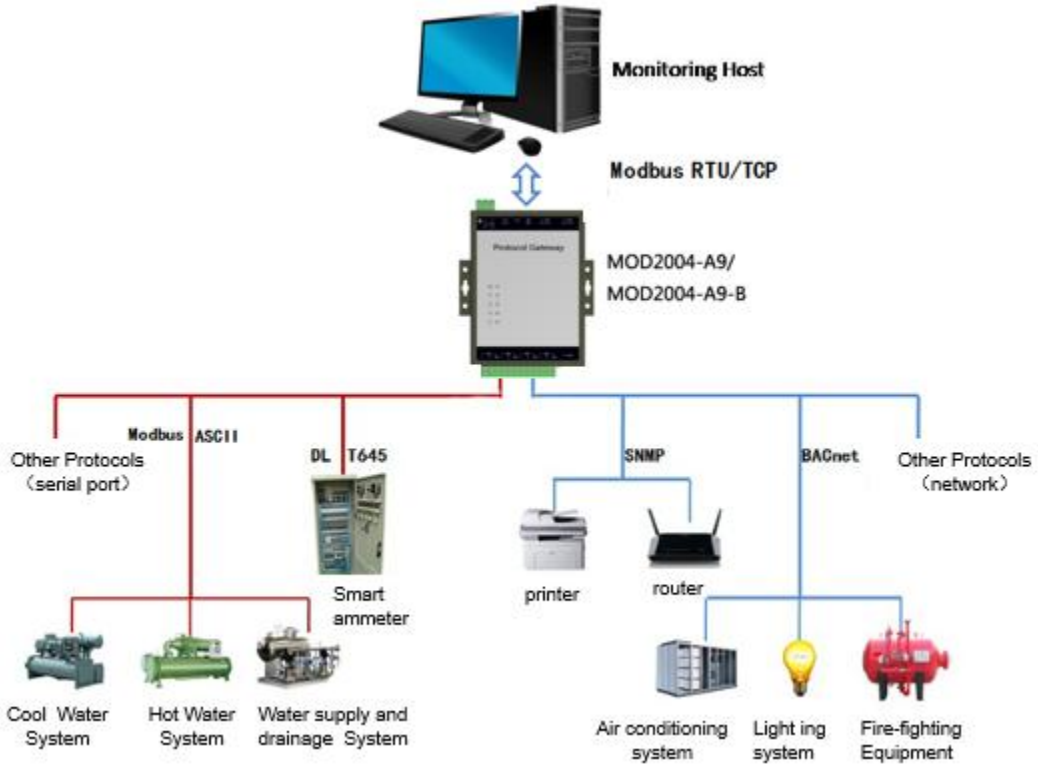
MOD2004-ARM

MOD2004-A9

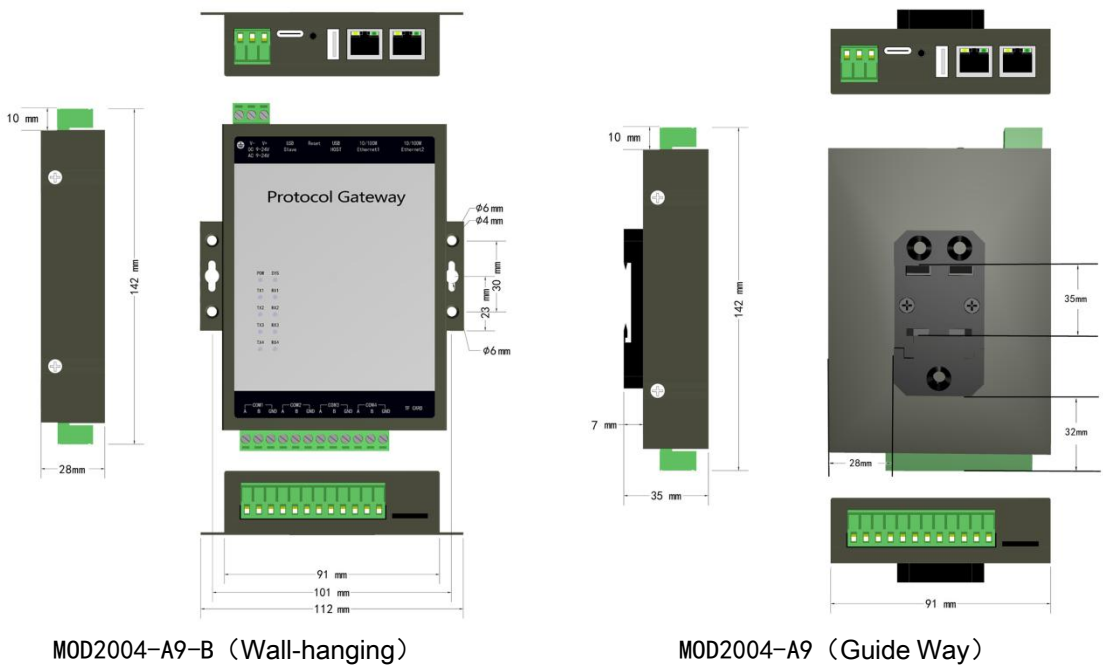
MOD2004-WEB

MOD1022-1U

Application Principle Diagram



Product Size



MOD2004-A9-B (Wall-hanging)

MOD2004-A9 (Guide Way)