

Modbus Gateways

Product Model : MOD1022-1U

Functional description :

X2Modbus is a hardware Gateway with 1ethernet and 2 RS485 2 RS232. Matching software is Modbus . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by Modbus hardware Gateway into standard Modbus RTU and ModbusTCP. Configured project files by X2Modbus are uploaded to hardware gateway, users can read & write point informations from different manufacturer by Modbus system.

1U:

MOD1022-1U can be easily installed to 19 inch cabinet. IT's shape meets EIA specifications, and thickness is 4.445cm. The frame is provided with a screw hole for fixing the server so that it can be fixed with the screw hole of the server.

Application Fields :

Modbus Gateway can convert all kinds of protocols into Modbus RTU and ModbusTCP . Modbus Gateway have solved the problem that some large BA Company can't connect any uncommon devices. So Modbus system can control uncommon devices by Modbus gateway.

BA Controls : Citect、ifixes、RSVIEW、WINCC、Kingview、e-Control etc.

Uncommon Devices : DDC、PLC central air conditioning、PrelevatoSr、 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, which supports the following table types and number of registers :

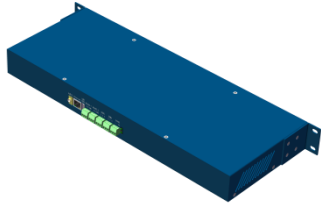
Number of Registers is dynamic, each register can be builded up to 1024 points.

Modbus Register Types	Modbus Register number
0X (Read & Write)	1024(1~1024)
1X (Read only)	1024(1~1024)
4X (Read & Write)	1024(1~1024)
3X (Read only)	1024(1~1024)

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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 1024 dots will be completed within 20 minutes;
- Add a new private protocol to support Modbus, which can be completed within 2 weeks;

Hardware Parameter :

CPU : 400MHZ

Power : DC 24V

Memory : DDR2 High performance memory ,
Supports 64MB/128MB (optional)

Size(L×W×H) : 482*179*44mm

System : WINCE

Weight : 1800g

Watts : 7W

Material : carbon steel

Interface : 1Ethernets
2Serial Ports(2RS485/2RS232)

Setup : Wall-hanging (MOD2004-WEB-B)
Guide Way (MOD2004-WEB)

Flash : 256M

Temperature : -20 ~ 70°C(working)
-30 ~ 80°C(storage and
transportation)

Network:
Onboard DM9000 100M high performance
Ethernet card 1 RJ45 interface

Humidity:
20% ~ 90%, no condensation (work),
15% ~ 95%, no condensation (storage and
transportation)

MOD1002-Lite

MOD1002-ARM

MOD2004-Lite

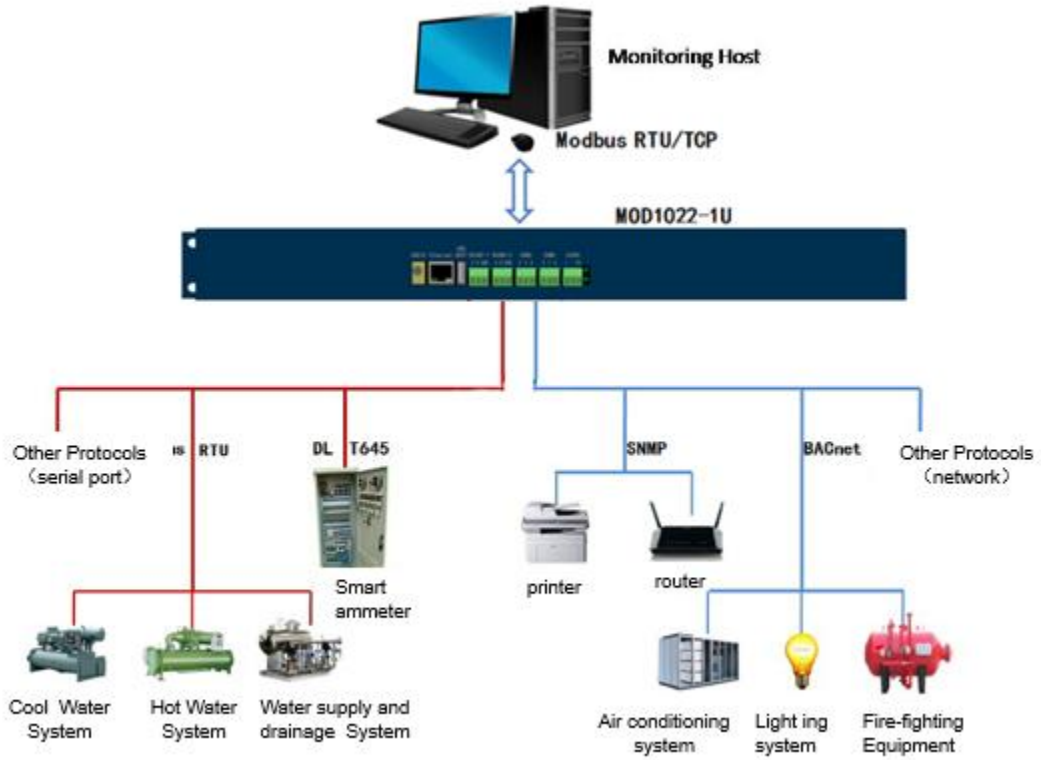
MOD2004-ARM

MOD2004-A9

MOD2004-WEB

MOD1022-1U

Application Principle Diagram



Product Size



MOD1022-1U (rack-mounted)

MOD1002-Lite

MOD1002-ARM

MOD2004-Lite

MOD2004-ARM

MOD2004-A9

MOD2004-WEB

MOD1022-1U