

HMI1002-ARM

HMI2004-A9

HMI2001-PI

HMI1002-ARM-4G

HMI2004-A9-4G

WEB Configuration Gateway Product mode :HMI1002-ARM-4G

Functional description : Matching Configuration tool is X2View. WEB Configuration Gateway can realize the data collection, data real-time monitoring and directly into the configuration screen user configuration software . Adopt 4G network, many kinds of network communication, convenient to achieve the conversion of serial data to WeChat, SMS, etc., to meet the customer's demand for remote data transmission. User only need to use PC or any mobile device with browser can access configuration pages, remote monitoring equipment start-stop operations such as operation, bring good operational experience to the user At the same time can be forwarded to BACnet IP/MSTP server or Modbus TCP/RTU server, and open data interface by a third party system integration.

Application fields : WEB Configuration Gateway is converted into a standard BACnet protocol standard Modbus protocol, support SMS alarm、 Wechat alarm, upload the cloud server by MQTT. It's Applications is mainly in building automation system, smart home, connect some unusual or industry control equipment, such as PLC elevator fire lighting control system instrument meter, etc So users can remote monitoring terminal equipment through the WEB configuration screen, or phone 、 iPad、 PC .

Runtime environment:

OS: Windows XP/Win 7/Win8/Win10/Win Server 2003/Win Server2008/Win Vista etc.

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

Register Type&Num

Number of Registers is dynamic, each register can be builded up to 512 points.

Supported BACnet type and number are shown below.

Supported Modbus type and number are shown below.

| BACnet Register-type | BACnet Register-number | Modbus Register-type | Modbus Register-number |
|-----------------------|------------------------|--|------------------------|
| AI (Read only) | 512 (0~511) | 0X(Coil Status) (Read and Write) | 512 (1~512) |
| AO (Read and Write) | 512 (0~511) | 1X(Input Status) (Read Only) | 512 (1~512) |
| AV (Read and Write) | 512 (0~511) | 4X(Holding Register) (Read and Write) | 512 (1~1024) |
| BI (Read only) | 512 (0~511) | 3X(Input Register) (Read only) | 512 (1~1024) |
| BO (Read and Write) | 512 (0~511) | Notes: 1.4X and 3X register address = translocation register address *2+1 0X and 1X register address = translocation register address +1 2. The data type of 4X and 3X can only be Float | |
| BV (Read and Write) | 512 (0~511) | | |
| MI (Read only) | 512 (0~511) | | |
| MO (Read and Write) | 512 (0~511) | | |
| MV (Read and Write) | 512 (0~511) | | |

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Software Features:

-Green and free installation, support both Chinese and English;

-Support nearly 200 protocols to BACnet server Modbus server ,upload to cloud, upload to MQTT server;

-Support WeChat、SMS alarm;

-Support JS script to realize logic control;

-Support the gateway online by 4G/3G/2G;

-Support user group management, permission setting in the configuration page;

-Support LAN, easy realization of remote monitoring via phone,iPAD,PC;

-Add new private protocol support, within 2 weeks;

Hardware Parameter:

CPU: 1 core 300MHz

Power Supply: AC/DC 12~24V

Memory: 64M , Flash: 128M

Size(L×W×H): 136mm×89mm×34mm

System: LINUX

Weight: 400g(no antenna)

Power: 6W

Material: Galvanized Steel

Interface: 1x Ethernet
2x RS485/RS232(alternative)

Setup: DIN Rail Mount

1x SIM Card socket, support 4G/3G/2G

Temperature: -20~70°C(working)
-40~85°C(storage and transportation)

Network:
1x High-performance 100M/10M
adaptive Industrial Network Card

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

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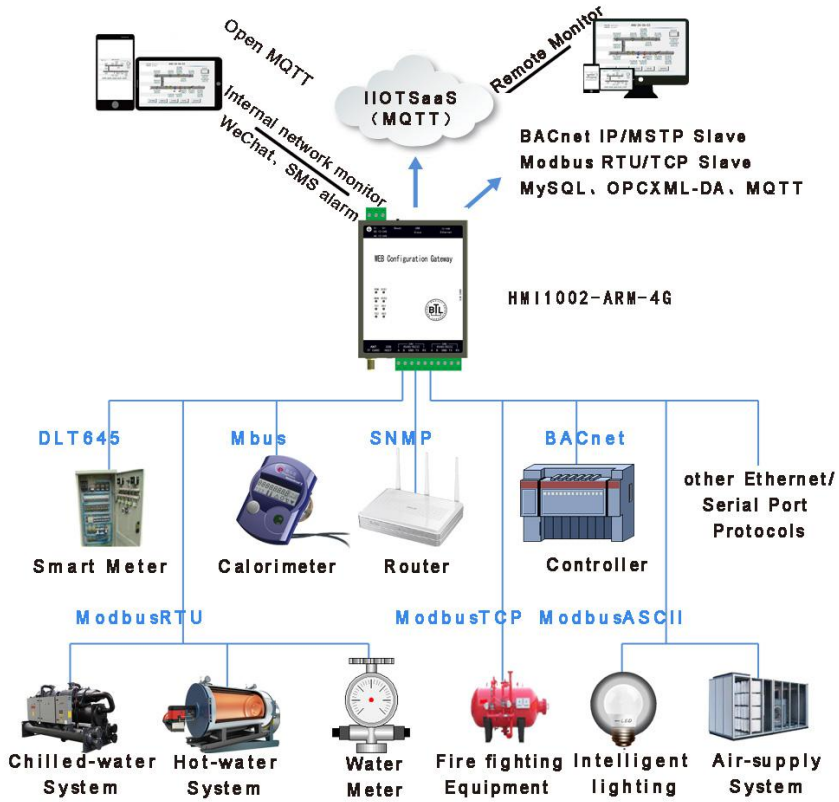
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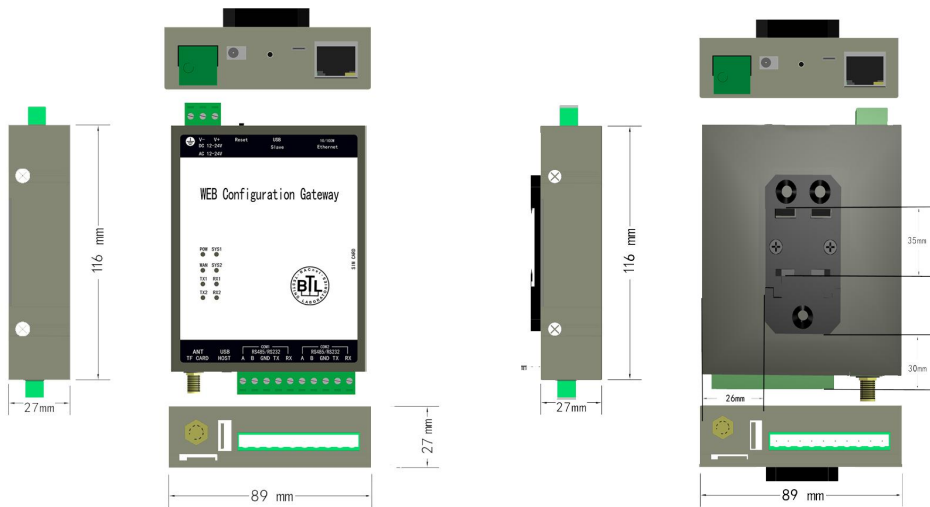
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Application Principle Diagram



Product Size



DIN Rail Mount