

WEB Configuration Gateway Product mode :HMI2004-A9-4G

Functional description : HMI2004-A9-4G is WEB configuration Gateway. Matching Configuration tool is X2View. 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 2048 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)	2048 (0~2047)	0X(Coil Status) (Read and Write)	2048 (1~2048)
AO (Read and Write)	2048 (0~2047)	1X(Input Status) (Read Only)	2048 (1~2048)
AV (Read and Write)	2048 (0~2047)	4X(Holding Register) (Read and Write)	2048 (1~4096)
BI (Read only)	2048 (0~2047)	3X(Input Register) (Read only)	2048 (1~4096)
BO (Read and Write)	2048 (0~2047)	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)	2048 (0~2047)		
MI (Read only)	2048 (0~2047)		
MO (Read and Write)	2048 (0~2047)		
MV (Read and Write)	2048 (0~2047)		

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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、E-mail and other communication methods to send alarm information;

-Support JS script to achieve logical control ;

-Support 4G/3G/2G;

-Supporting 200 storage points, and can be stored for about 1 year

-Support multiple forms of timing, event triggering, and custom function functions to facilitate the extension of applications;

-Support LAN, easy realization of remote viewing and control of touch screen via mobile PAD PC;

-Add new private protocol support, within 2 weeks;

Hardware Parameter:

CPU: 4 core 1.4 GHz

Power Supply: AC/DC 12~24V

Memory: 512M high performance memory
Flash: 8G

Size(L×W×H): 147mm×94mm×35mm

System: LINUX

Weight: 300g(no antenna)

Power: 8W

Material: Aluminum Cover

Interface: 2x Ethernet
3x RS485
1x 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:
2x High-performance 100M/10M adaptive
Industrial Network Card, support AUTO
MDI/MDIX

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

HMI1002-ARM

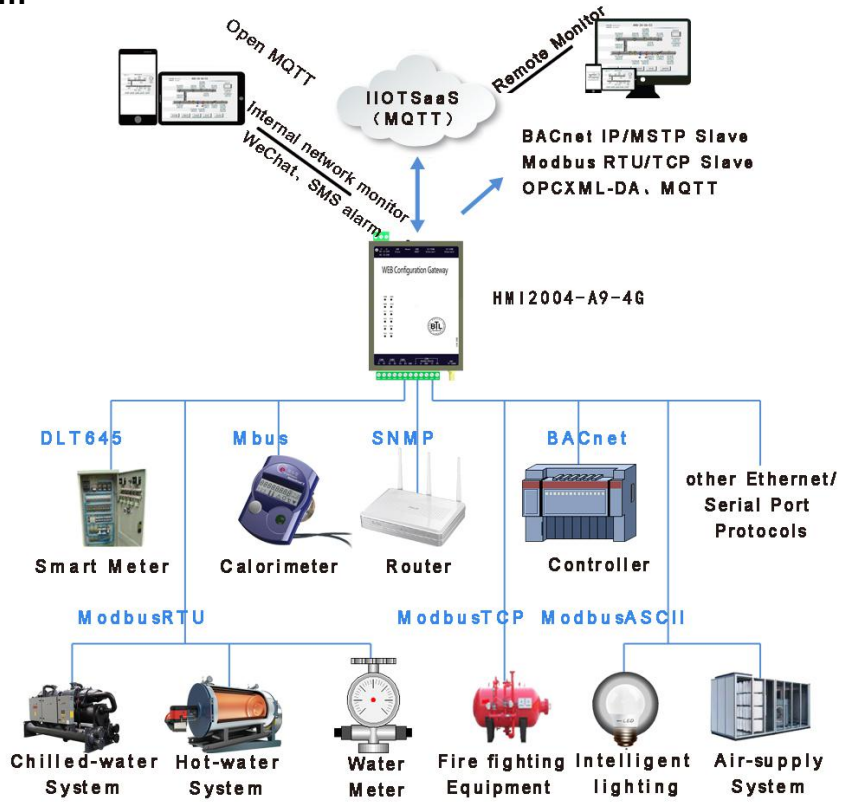
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HMI2001-PI

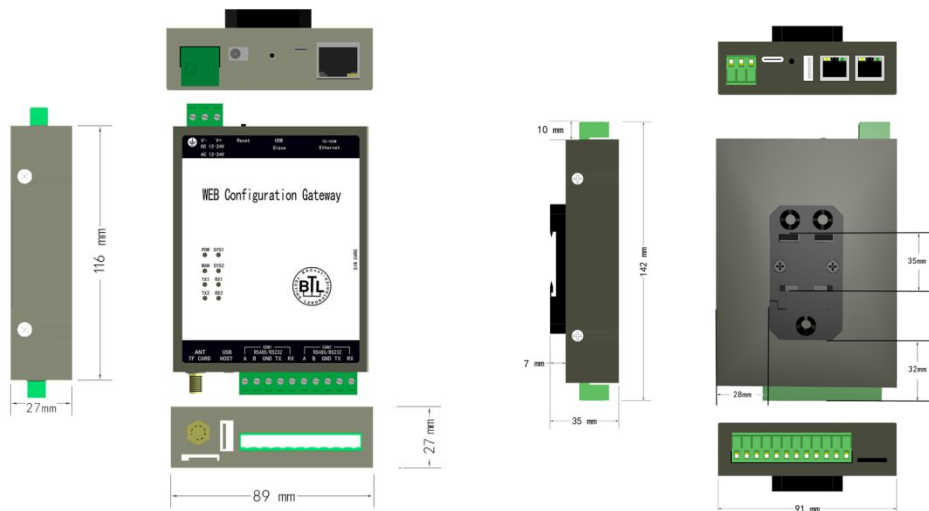
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Application Principle Diagram



Product Size



DIN Rail Mount

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