

WEB Configuration Gateway



Mobile phone、PAD、
Computer can monitor
configuration pages in real
time.

Open data interfaces are
integrated by third party
systems



WEB Configuration Gateway

1	HMI2004-A9	3
2	HMI2004-A9-GW	3

Model	Supported Points	supported devices	Supported Protols	Interfaces
HMI2004-A9	5120	128	close to 200	2 ethernets 4 serial ports
HMI2004-GW (With gateway function)	5120	128	close to 200	2 ethernet 4 serial ports

HMI2004-A9、HMI2004-A9-GW

WEB Configuration Gateway Product mode :HMI2004-A9、HMI2004-A9-GW (With gateway)

Functional description : HMI2004-A9 、HMI2004-A9-GW is WEB configuration Gateway. 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 without having to buy, 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, 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, or SMS alarm project to upload the cloud Applications 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 through the WEB configuration screen, or phone 、PAD、PC monitor to the field device

Runtime environment :

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

Browser : IE11 (and above) 、 Safari、 Google Chrome、 firefox、 Opera etc.

Register Type&Num

Number of Registers is dynamic, each register can be builded up to 5120 points.

Supported BACnet type and number are shown below.

Supported Modbus type and number are shown below.

BACnet Register-type	BACnet Register-number
AI (Read only)	5120 (0~5119)
AO (Read and Write)	5120 (0~5119)
AV (Read and Write)	5120 (0~5119)
BI (Read only)	5120 (0~5119)
BO (Read and Write)	5120 (0~5119)
BV (Read and Write)	5120 (0~5119)
MI (Read only)	5120 (0~5119)
MO (Read and Write)	5120 (0~5119)
MV (Read and Write)	5120 (0~5119)

Modbus Register-type	Modbus Register-number
0X(Coil Status) (Read and Write)	5120 (1~5121)
1X(Input Status) (Read Only)	5120 (1~5121)
4X(Holding Register) (Read and Write)	5120 (1~10241)
3X(Input Register) (Read only)	5120 (1~10241)

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

WEB Configuration Gateway Product mode :HMI2004-A9、HMI2004-A9-GW (With gateway)



Software Features:

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

-Support nearly 200 protocols to BACnet server Modbus server uploads cloud;

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

-Support JS script to achieve logical control;

-Support user group management, configuration screen monitoring can set permissions;

-Supporting historical storage;

-A custom function that supports multiple forms of timer events to facilitate extended application;

-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 : AC/DC 9~24V

Memory :
512M high performance memory

Size(L×W×H) :
142mm × 112mm × 28mm (Wall-Hanging)
142mm × 91mm × 35mm (Guide Way)

System : LINUX

Weight : 250g

Watts : 8W

Material : Aluminum Cover

Interface : 2 Ethernet
4 RS485

Setup :
Wall-Hanging (HMI2004-A9-B、HMI2004-A9-GW-B)
Guide Way (HMI2004-A9、HMI2004-A9-GW)

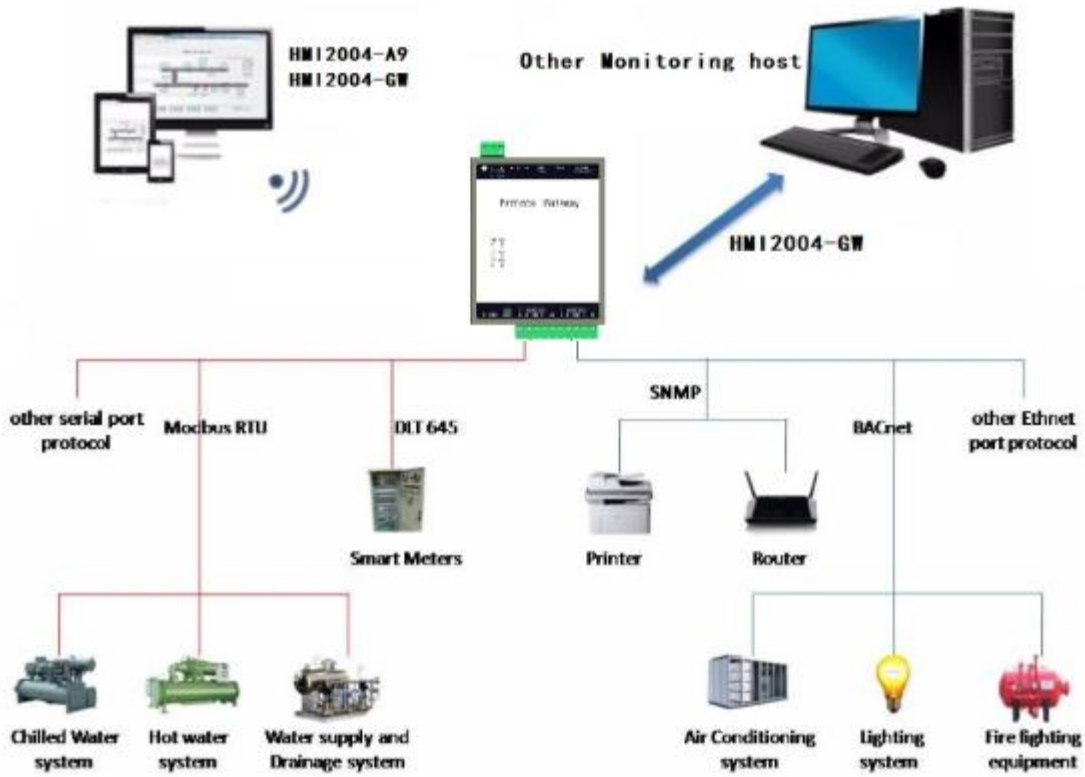
Flash : 4G

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

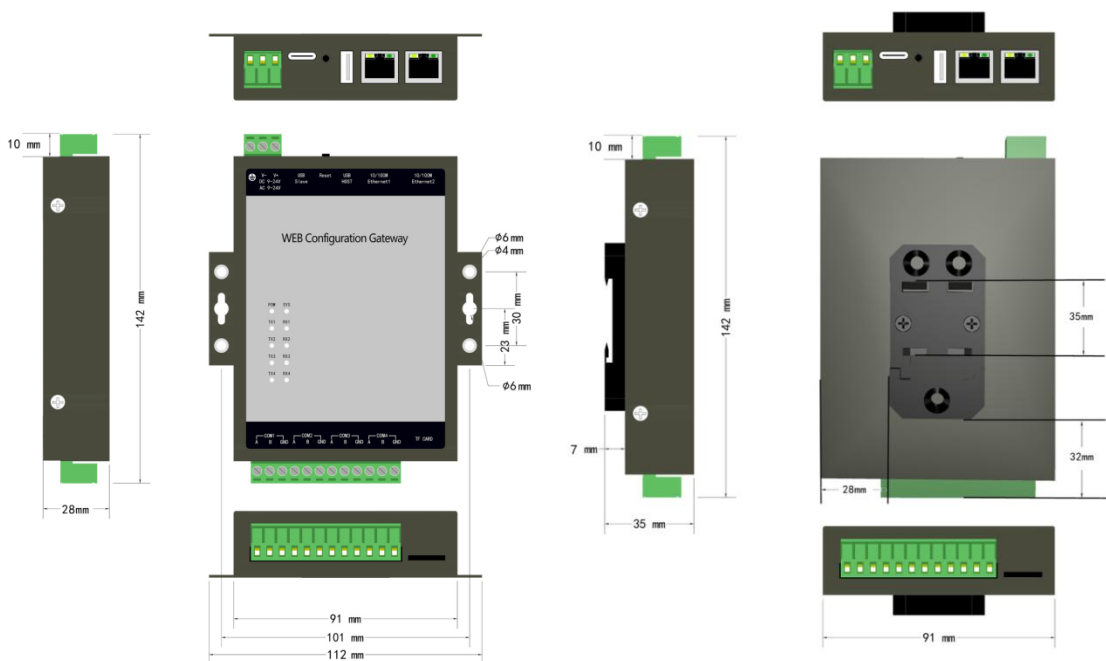
Network:
1 High-performance 100M/10M adaptive Industrial Network Card, support AUTO MDI/MDIX

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

Application Principle Diagram



Product Size



HMI2004-A9-B、HMI2004-A9-GW-B (Wall-Hanging)

HMI2004-A9、HMI2004-A9-GW (Guide Way)

Protocols Available

Common

- 1 BACnet IP
- 2 BACnet MS/TP
- 3 Modbus RTU
- 4 Modbus ASCII
- 5 Modbus TCP
- 6 Modbus UDP
- 7 Modbus RTU_TCP
- 8 Modbus RTU_UDP
- 9 Modbus ASCII_TCP
- 10 Modbus ASCII_UDP
- 11 Modbus RTU Server
- 12 OPC XML-DA
- 13 SNMP

Simulation

- 14 Simulator

Imported heat meter

- 15 MBus_EnergyMeter_EN
- 16 MBus_Honeywell
- 17 MBUS_XinTuo
- 18 MBus_Landis_Gyr
- 19 MBus_Siemens_FUE950
- 20 MBUS_MaiTuo
- 21 MBus_Kamstrup
- 22 MBus_HYDROMETER

Domestic energy scale

- 23 MBUS_AKE
- 24 MBus_YongGang
- 25 MBus_Zenner

- 26 MBus_EnergerMeter Mbus
- 27 MBus_EnergyMeter_HaiLin
- 28 Modbus_HaiLin_EnergyMeter Modbus

water meter

- 29 MBus_WaterMeter Mbus
- 30 MBus_lyglhsb
- 31 ModbusRTU_Zenner Modbus
- 32 MBus_WaterMeter_LXSGY_15E

Flow Meter

- 33 Modbus Kent
- 34 Spirax SARCO M841
- 35 SC_FlowMeter
- 36 Modbus_CNM
- 37 MODBUS_LCD
- 38 Modbus_LDZ_6_GuangHua
- 39 Modbus_BiaoYi_WL

Elevator

- 40 Hitachi Elevator BA Interface
- 41 Mitsubishi Elevator SMOS-PS2
- 42 Mitsubishi Elevator KLR-F485
- 43 Otis Elevator BA Interface
- 44 ModbusRTU_Otis_BAS
- 45 Otis_Elevator_BA_Jen2
- 46 ModbusTCP_Thyssenkrupp_Elevator
- 47 ModbusRTU_Thyssenkrupp_Elevator
- 48 Mitsubishi Elevator SMOS-PS2_TCP
- 49 Modbus_Otis_Elevator
- 50 Modbus_Kone elevator

51 Mitsubishi Elevator MAXIEZ

52 Mitsubishi Elevator MAXIEZ

Electricity Meter

53 IEC104 IEC104

54 DLT645-1997

55 DLT645-2007

56 Modbus PM800

57 Modbus IEM3000

58 CDT

59 DLT645-CHINT

60 Modbus_woyot Modbus

Airconditon

61 Toshiba_Airconditioning

62 EMERSON_ACM03U1

63 Hisense_Airconditioning

64 Joton Tmaster

65 Modbus_DAIKIN_IRACC

66 DAIKIN_DRCH-R5

67 VotonThermostat

68 SysGreen_Airconditioning

69 Hitachi_Chiller

70 SANYO_DG-52GHT

71 Gree_BaseStationAirconditioning

PLC

72 Mitsubishi FX1S

73 Mitsubishi FX2N

74 Mitsubishi FX3U

75 Mitsubishi FX_485ADP_485BD

76 Mitsubishi Melsec_Q_Serial

77 Mitsubishi Melsec_Q_TCP

78 MEGMEET_MC200

79 Haiwell E/S PLC

80 Haiwell H/N PLC

81 Panasonic FP

82 XINJE PLC

83 DELTA_DVP

84 FATEK_FB

85 OMRON_FINS_UDP

86 OMRON_FINS_Serial

87 Saia_SBus_UDP

88 Toshiba_PROVISOR_TC200

Siemens PLC

89 Siemens S7-200 PPI

90 Siemens S7-200 Network

91 Siemens S7-300 Network

92 Siemens S7-1200 Network

93 XT55 GPS SERVER

Lighting control

94 KNXnetIP

95 KNXnetIP_MultiCast

96 DyNet

97 Modbus LDS

98 MicroPara_DR0816

99 MicroPara_DR1220

100 MicroPara_DH0416

101 LitePuter_DP_105E

102 LitePuter_PLNET

103 MicroPara

104 ULaiDe

105 LDS

106 E_Linker_ECWG485

107 Lutron_Telnet

UPS

- 108 SANTAK UPS
- 119 DELTA UPS ES3000
- 110 LEGRAND UPS
- 111 EMERSON_HIPULSE
- 112 EMERSON_Liebert_UPS
- 113 ModbusRTU_GE_UPS
- 114 EKSI_UPS

Solar Control

- 115 Cibsolar_CA
- 116 Kaseman GRC TNC-6

Fire Alarm

- 117 JB-3208 CRT
- 118 Siemens Cerberus FS18
- 119 BOSCH_DS7400XI_TCP
- 120 BOSCH_DS7400XI
- 121 VESDA_Open_HLI_Protocol
- 122 YANRONG_YR_LC_TXAH
- 123 NOTIFIRE_NFS2_3030_CRT

Attemperator

- 124 LTM9662_485NET M9600
- 125 SC_HuangMei

Radar

- 126 Hypersee_Radar
- 127 Hypersee_Alarm_Radar

Weight

- 128 Buhler_MEAF
- 129 METTLER_TOLEDO_SICS
- 130 YAOHUA_XK3190

Other Protocols

- 131 FFU
- 132 Panasonic MINAS A5
- 133 SINOLY JINE_JA05
- 134 SAUTER_CASE_VAV
- 135 saj110_AlarmSystem
- 136 EMEC_LDPH 137 RKC_CH402
- 138 YuDian_AI_Single_loop
- 139 GreenDaoFenMuJi
- 140 SOLIN
- 141 Condair_PH
- 142 BIGBANIAN_AIRC800
- 143 ACTI_SignalSelector
- 144 Modbus_TG01W
- 145 Ebara_Densan_S-BCS
- 146 Modbus_HOLTOP_HDK_09S_BA
- 147 YeeFung_Parking_System
- 148 Projector
- 149 HeFei_Ahhfat
- 150 BoosterBoiler_NEURON_NXQ
- 151 Epson_PJLink

If you would like to know more products, please pay attention to the wechat public account.

