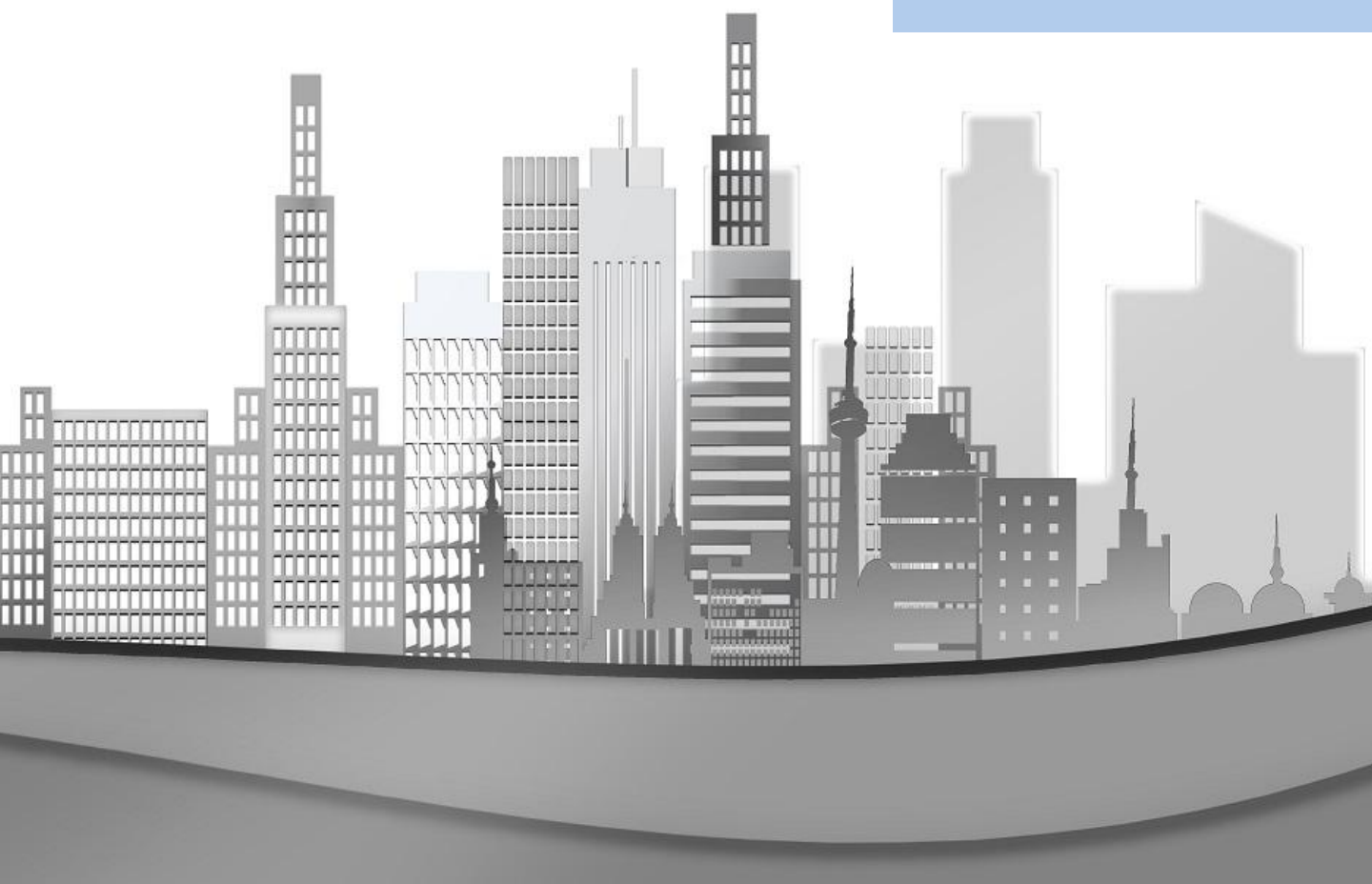




Product Catalog | 2019/2020

BACnet Series



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Note:
Lite series only support Modbus .
ARM series & A9 series is support different
protocols , including add new developed protocols.



BACnt Gateway

BACnet Gateways
help Industrial Automation
to integrate,
to realize interoperability.
Passed BTL Certification.

X2BACnet Easy to Configure



BACnet Gateway		
1	F-BAC1002-Lite	5
2	F-BAC1002-ARM	8
3	F-BAC2004-Lite	11
4	F-BAC2004-ARM	14
5	F-BAC2004-A9	17
6	F-BAC1022-1U	20

Model	Supported Points	Supported Devices	Supported Protols	Interfaces
F-BAC1002-Lite	512	64	Modbus only	1x ethernet 2x serial ports
F-BAC1002-ARM	512	64	nearly 200	1x ethernet 2x serial ports
F-BAC2004-Lite	1024	128	Modbus/ BACnetMSTP	2x ethernet 4x serial ports
F-BAC2004-ARM	1024	128	nearly 200	2x ethernet 4x serial ports
F-BAC2004-A9	2048	128	nearly 200	2x ethernet 4x serial ports
F-BAC1022-1U	1024	64	nearly 200	1x ethernet 4x serial ports

Note:
Lite series only support Modbus .
ARM series & A9 series is support different protocols , including add new developed protocols.

BACnet Gateway Model:F-BAC1002-Lite

Function :

F-BAC1002-Lite is a economical hardware gateway with 1ethernet and 2serial ports for Modbus device only. All devices supported standard Modbus , or some non-standard Modbus protocol can be converted by BACnet hardware Gateway into standard BACnetIP, enable users can read&write Points in Modbus device by BACnet system.

Application:

BACnet Gateway can convert standard Modbus or some non-standard Modbus into BACnet IP. BACnet Gateway have solved the problem that some large BA Company can't connect any uncommon devices. BACnet system can control uncommon devices by BACnet gateway.

BA Controls: Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Controls (Metasys) , Schneider Electric (TAC) 、Delta (ORCAView) etc.

Uncommon Devices: PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 water meter etc.

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

The BACnet gateway support the register type and the maximum number of points as follows.

Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 512 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	512 (0~511)
AO (Read & Write)	512 (0~511)
AV (Read & Write)	512 (0~511)
BI (Read only)	512 (0~511)
BO (Read & Write)	512 (0~511)
BV (Read & Write)	512 (0~511)
MI (Read only)	512 (0~511)
MO (Read & Write)	512 (0~511)
MV (Read & Write)	512 (0~511)

BACnet Gateway Model:F-BAC1002-Lite

BACnet
Gateway

BACnet
Router



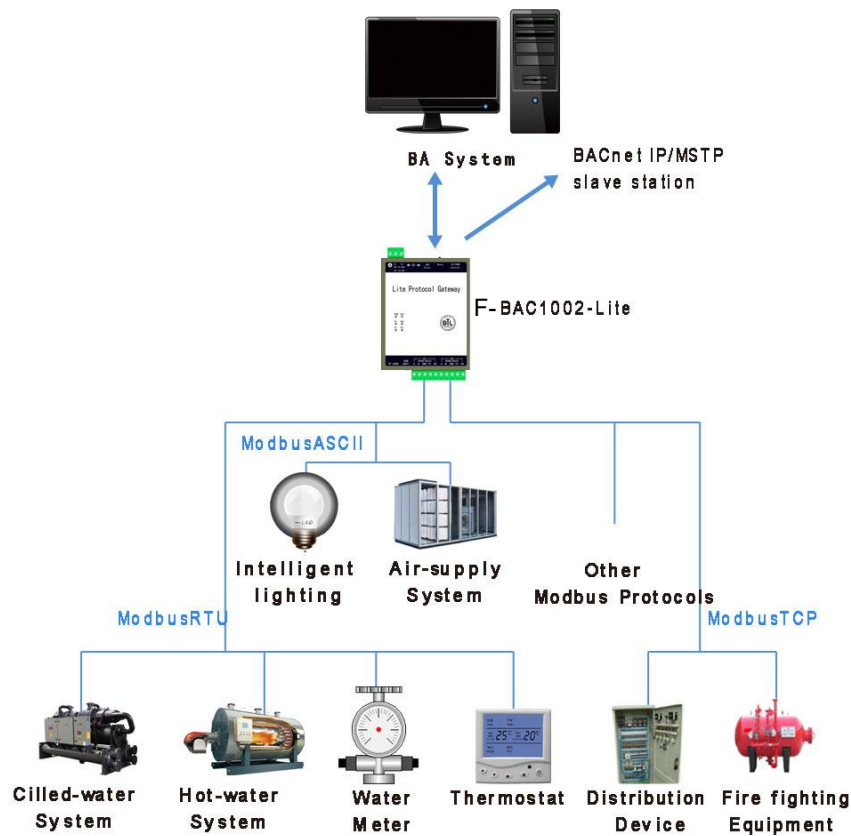
Software Features:

- Green software and Free Installation;
- Convert standard Modbus or some non-standard Modbus into BACnet IP server;
- browse, set up and monitor by WEB;
- Line convert、fetch bit 、Highbyte & Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、AO、AV、BI、BO、BV、MI、MO、MV）；
- Friendly software configuration tool， complete 512 points in 10min;
- new Protocol can be completed in 2 weeks;

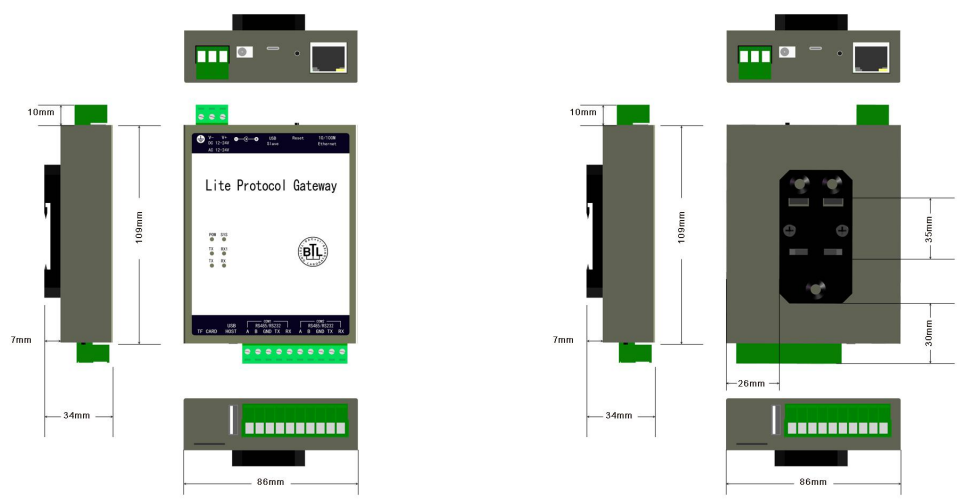
Hardware Parameter:

CPU: 300MHz	Power Supply: AC/DC 12V-24V
Memory: 64M High performance memory	Size(L×W×H): 129*86*34mm(DIN-Rail Mount)
System: LINUX	Weight: 350g
Power: 6W	Material: galvanized steel
Interface: 1x Ethernet 2x RS485/RS232 (alternative)	Setup: DIN-Rail Mount
Flash: 128M	Temperature: -20~70°C(working) -40~85°C(storage and transportation)
Network: 1x 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



F-BAC1002-Lite(DIN-Rail Mount)



BACnet Gateway Model:F-BAC1002-ARM

Function:

F-BAC1002-ARM is a hardware Gateway with 1ethernet and 2serial ports. Matching software is X2BACnet . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by BACnet hardware Gateway into standard BACnetIP. Configured project files by X2BACnet are uploaded to hardware gateway, users can read/write point informations from different manufacturer by BACnet system.

Application:

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

BA Controls:

Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Controls (Metasys) , Schneider Electric (TAC) 、Delta (ORCAView) etc.

Uncommon Devices:

PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart meter、 water meter etc.

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.

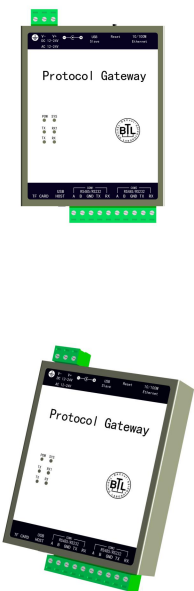
Register Type&Num

The BACnet gateway support the register type and the maximum number of points as follows.

Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 512 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	512 (0~511)
AO (Read & Write)	512 (0~511)
AV (Read & Write)	512 (0~511)
BI (Read only)	512 (0~511)
BO (Read & Write)	512 (0~511)
BV (Read & Write)	512 (0~511)
MI (Read only)	512 (0~511)
MO (Read & Write)	512 (0~511)
MV (Read & Write)	512 (0~511)

BACnet Gateway Model:F-BAC1002-ARM



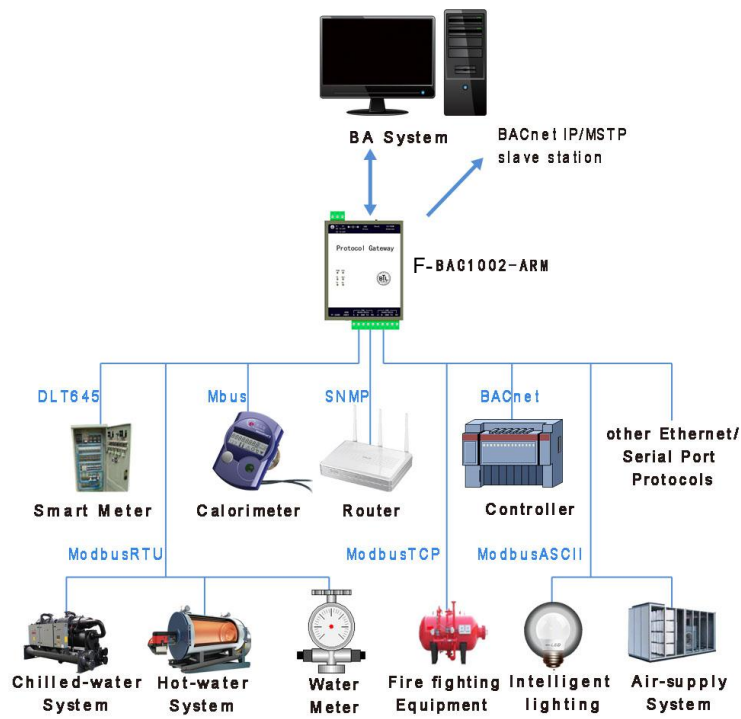
Software Features:

- Green software and Free Installation;
- Support nearly 200 protocols can be converted into BACnet IP server;
- browse, set up and monitor by WEB;
- Line convert、fetch bit 、Highbyte & Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、AO、AV、BI、BO、BV、MI、MO、MV）；
- Friendly software configuration tool, complete 512 points in 10min;
- new Protocol can be completed in 2 weeks;

Hardware Parameter:

CPU: 300MHz	Power Supply: AC/DC 12V-24V
Memory: 64M High performance memory	Size(L×W×H): 129*86*34mm(DIN-Rail Mount)
System: LINUX	Weight: 350g
Power: 6W	Material: Galvanized Steel
Interface: 1x Ethernet 2x RS485/RS232 (alternative)	Setup: DIN-Rail Mount
Flash: 128M	Temperature: -20~70℃(working) -40~85℃(storage and transportation)
Network: 1x 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)

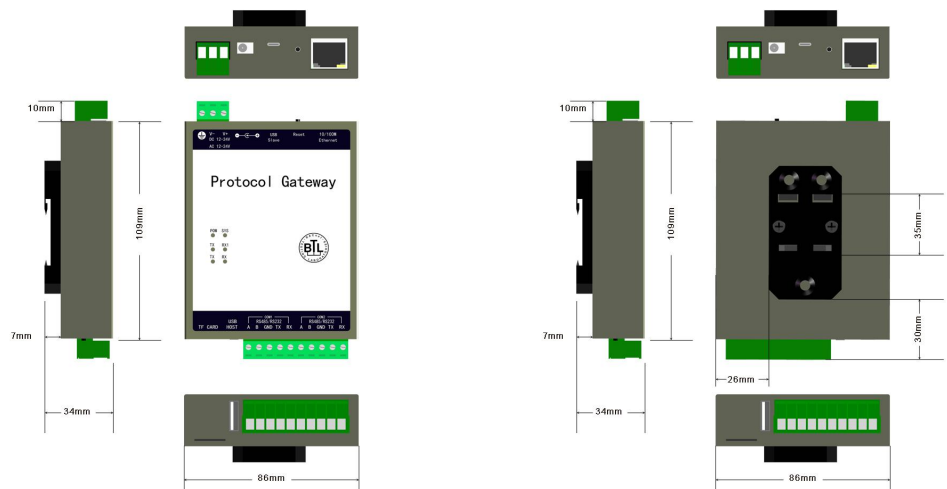
Application Principle Diagram



BACnet Gateway

BACnet Router

Product Size



F-BAC1002-ARM(DIN-Rail Mount)

BACnet Gateway Model:F-BAC2004-Lite(DIN-Rail Mount)

Function:

F-BAC2004-Lite is a economical hardware Gateway with 2ethernets and 4serial ports for Modbus only. All devices supported standard Modbus, or some non-standard Modbus protocol can be converted by BACnet hardware Gateway into standard BACnetIP/BACnetMSTP, enable users can read&write Points in Modbus device by BACnet system.

Application:

BACnet Gateway can convert standard Modbus or some non-standard Modbus into BACnet IP/MSTP. BACnet Gateway have solved the problem that some large BA Company can't connect any uncommon devices. BACnet system can control uncommon devices by BACnet gateway.

BA Controls: Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Control (Metasys) , Schneider Electric (TAC) 、Delta (ORCAView) etc.

Uncommon Devices: PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 water meter etc.

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.

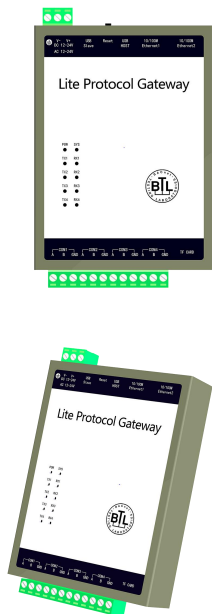
Register Type&Num

The BACnet gateway support the register type and the maximum number of points as follows.

Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 1024 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	1024 (0~1023)
AO (Read & Write)	1024 (0~1023)
AV (Read & Write)	1024 (0~1023)
BI (Read only)	1024 (0~1023)
BO (Read & Write)	1024 (0~1023)
BV (Read & Write)	1024 (0~1023)
MI (Read only)	1024 (0~1023)
MO (Read & Write)	1024 (0~1023)
MV (Read & Write)	1024 (0~1023)

BACnet Gateway Model: F-BAC2004-Lite



Software Features:

- Green software and Free Installation;
- Convert standard Modbus or some non-standard Modbus into BACnet IP / MSTP server;
- browse, set up and monitor by WEB;
- Line convert、 fetch bit 、 Highbyte & Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、 AO、 AV、 BI、 BO、 BV、 MI、 MO、 MV） ；
- Friendly software configuration tool， complete 1024 points in 20min;
- new Protocol can be completed in 2 weeks;

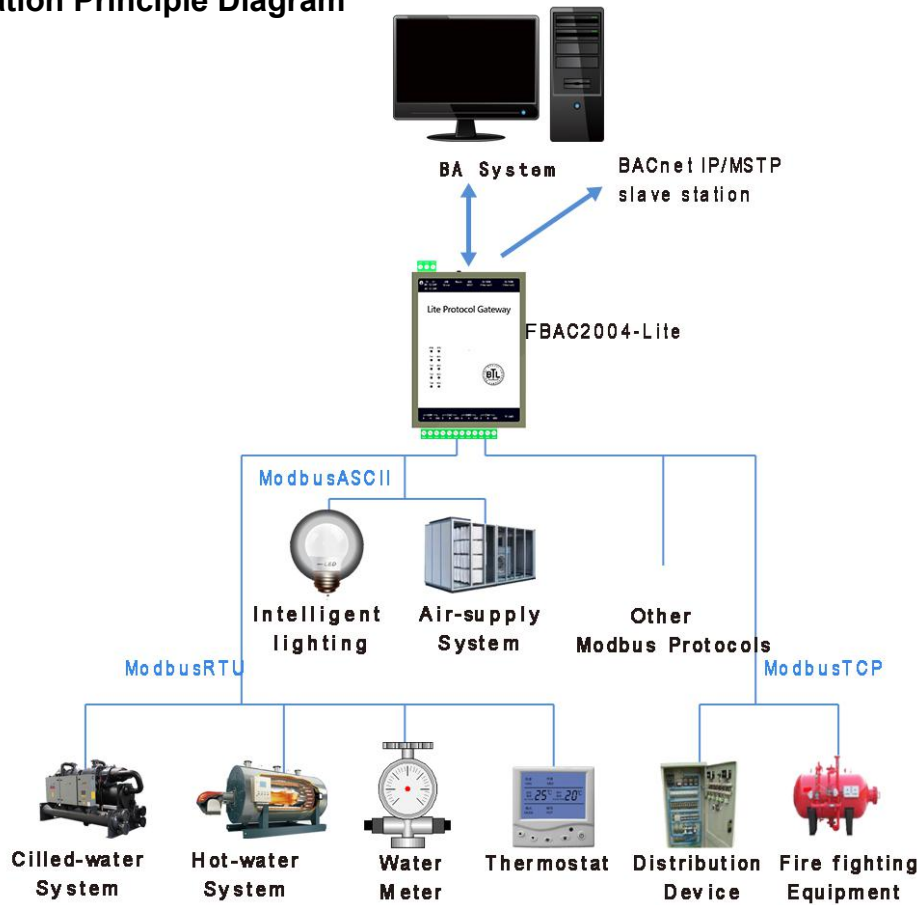
Hardware Parameter:

CPU: 4Core 1.4GHz	Power Supply: AC/DC 12V-24V
Memory: 512M High performance memory	Size(L×W×H): 142*91*35mm(DIN-Rail Mount)
System: LINUX	Weight: 250g
Power: 8W	Material: Aluminum Cover
Interface: 2x Ethernets 4x RS485	Setup: DIN-Rail Mount
Flash: 8GB	Temperature: -20~70°C(working) -40~85°C(storage and transportation)
Network: 2x 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)

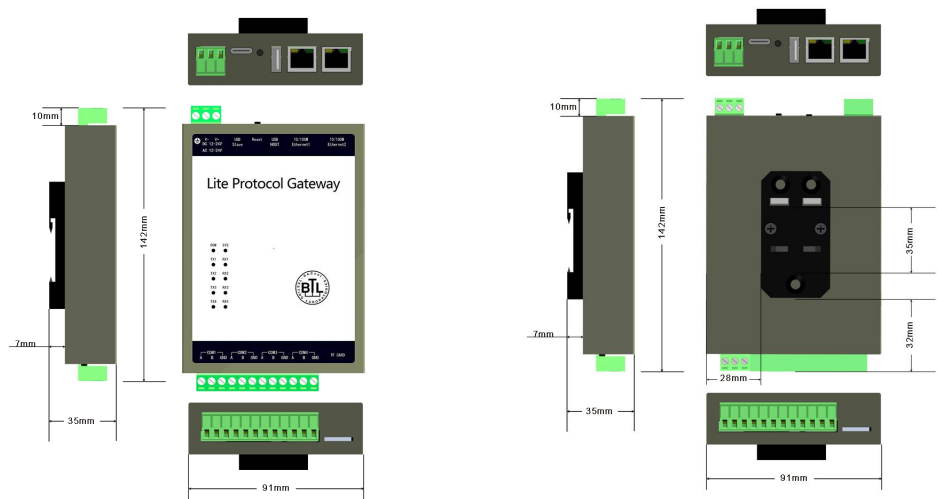
BACnet
Gateway

BACnet
Router

Application Principle Diagram



Product Size



F-BAC2004-Lite (DIN-Rail Mount)



BACnet Gateway Model:F-BAC2004-ARM(DIN-Rail Mount)

Function:

F-BAC2004-ARM is a hardware Gateway with 2ethernets and 4serial ports. Matching software is X2BACnet . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by BACnet hardware Gateway into standard BACnetIP / BACnetMSTP. Configured project files by X2BACnet are uploaded to hardware gateway, users can read & write point informations from different manufacturer by BACnet system.

Application:

BACnet Gateway can convert all kinds of protocols into BACnet IP/MSTP. BACnet Gateway have solved the problem that some large BA Company can't connect any uncommon devices. So BACnet system can control uncommon devices by BACnet gateway.

BA Controls: Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Controls (Metasys) , Schneider Electric (TAC) 、 Delta (ORCAView) etc.

Uncommon Devices: PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 water meter etc.

Runtime environment:

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

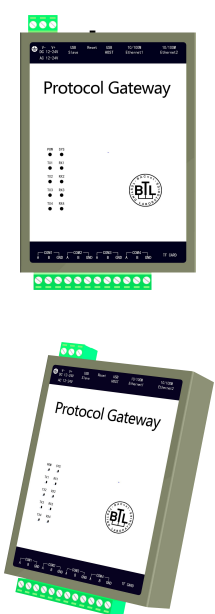
Browser: IE9 (and above) 、 Safari、 Google Chrome、 firefox、 Opera etc.

Register Type&Num

The BACnet gateway support the register type and the maximum number of points as follows.
Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 1024 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	1024 (0~1023)
AO (Read & Write)	1024 (0~1023)
AV (Read & Write)	1024 (0~1023)
BI (Read only)	1024 (0~1023)
BO (Read & Write)	1024 (0~1023)
BV (Read & Write)	1024 (0~1023)
MI (Read only)	1024 (0~1023)
MO (Read & Write)	1024 (0~1023)
MV (Read & Write)	1024 (0~1023)

BACnet Gateway Model: F-BAC2004-ARM



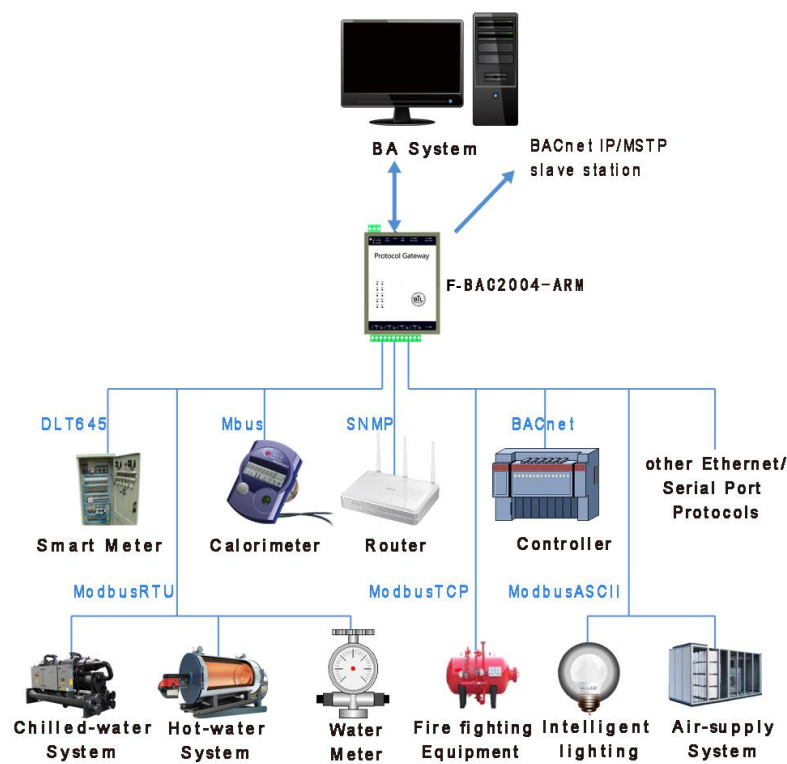
Software Features:

- Green software and Free Installation;
- Support nearly 200 protocols can be converted into BACnet IP/MSTP server;
- browse, set up and monitor by WEB;
- Line convert、 fetch bit 、 Highbyte & Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、 AO、 AV、 BI、 BO、 BV、 MI、 MO、 MV） ；
- Friendly software configuration tool， complete 1024 points in 20min;
- new Protocol can be completed in 2 weeks;

Hardware Parameter:

CPU: 4Core 1.4GHz	Power Supply: AC/DC 12V-24V
Memory: 512M High performance memory	Size(L×W×H): 142*91*35mm(DIN-Rail Mount)
System: LINUX	Weight: 250g
Power: 8W	Material: Aluminum Cover
Interface: 2x Ethernets 4x RS485	Setup: DIN-Rail Mount
Flash: 8GB	Temperature: -20~70°C(working) -40~85°C(storage and transportation)
Network: 2x 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)

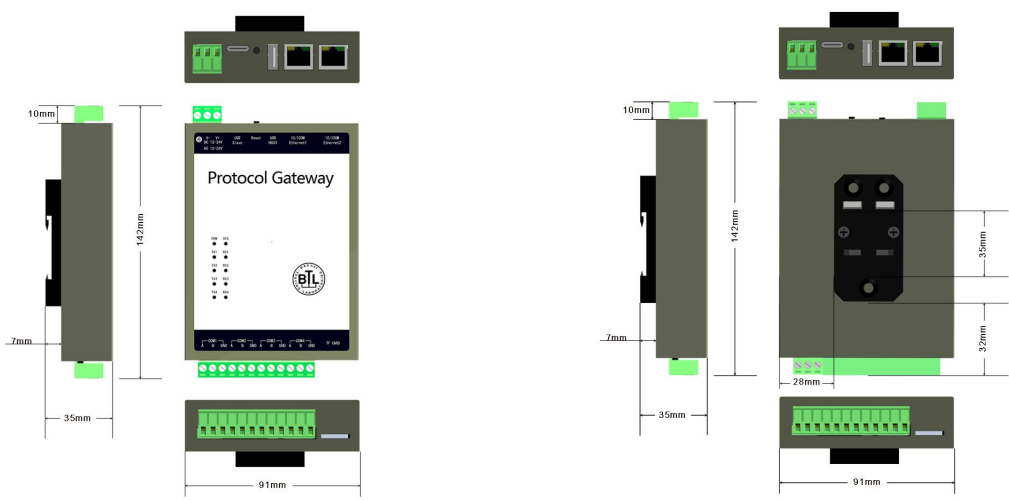
Application Principle
Diagram



BACnet
Gateway

BACnet
Router

Product Size



F-BAC2004-ARM (DIN-Rail Mount)

BACnet Gateway Model:F-BAC2004-A9(DIN-Rail Mount)

Function:

F-BAC2004-A9 is a high-capacity hardware Gateway with 2ethernets and 4serial ports. Matching software is X2BACnet . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by BACnet hardware Gateway into standard BACnetIP /BACnetMSTP. Configured project files by X2BACnet are uploaded to hardware gateway, users can read & write point informations from different manufacturer by BACnet system.

Application:

BACnet Gateway can convert all kinds of protocols into BACnet IP/MSTP. BACnet Gateway have solved the problem that some large BA Company can't connect any uncommon devices. So BACnet system can control uncommon devices by BACnet gateway.

BA Controls: Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Controls (Metasys) , Schneider Electric (TAC) 、Delta (ORCAView) etc.

Uncommon Devices: PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 water meter etc.

Runtime environment:

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

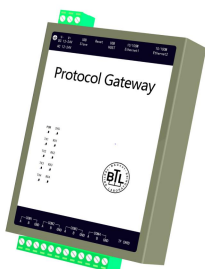
Browser: IE9 (and above) 、 Safari、 Google Chrome、 firefox、 Opera etc.

Register Type&Num

The BACnet gateway support the register type and the maximum number of points as follows. Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 2048 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	2048 (0~2047)
AO (Read & Write)	2048 (0~2047)
AV (Read & Write)	2048 (0~2047)
BI (Read only)	2048 (0~2047)
BO (Read & Write)	2048 (0~2047)
BV (Read & Write)	2048 (0~2047)
MI (Read only)	2048 (0~2047)
MO (Read & Write)	2048 (0~2047)
MV (Read & Write)	2048 (0~2047)

BACnet Gateway Model:F-BAC2004-A9(DIN-Rail Mount)



Software Features:

- Green software and Free Installation;
- Support nearly 200 protocols can be converted into BACnet IP/MSTP server;
- browse, set up and monitor by WEB;
- Line convert、fetch bit 、Highbyte & Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、AO、AV、BI、BO、BV、MI、MO、MV）；
- Friendly software configuration tool， complete 2048 points in 30min;
- new Protocol can be completed in 2 weeks;

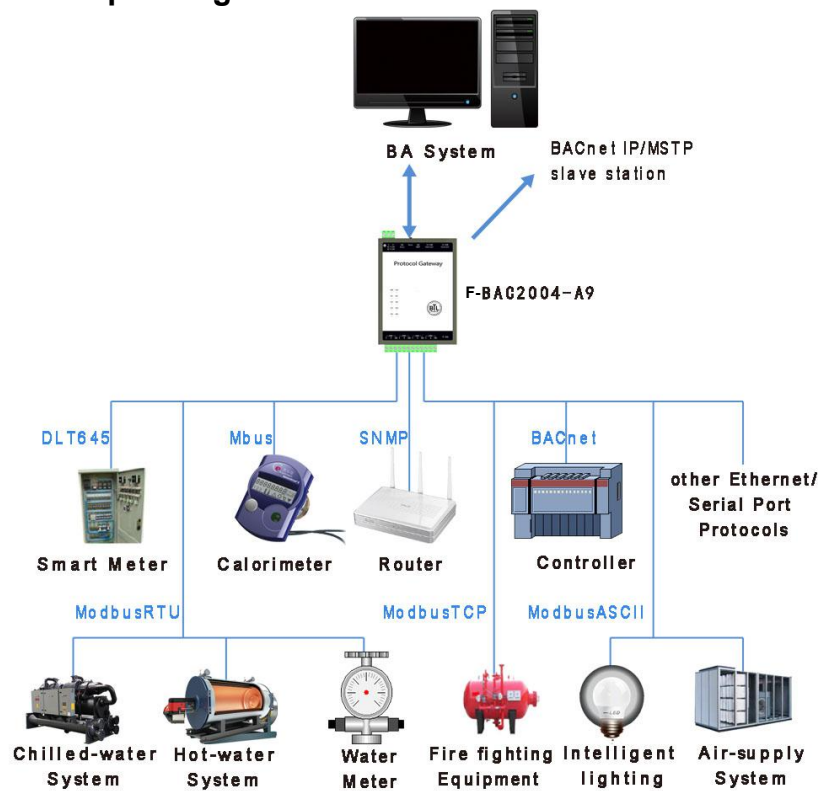
Hardware Parameter:

CPU: 4Core 1.4GHz	Power Supply: AC/DC 12V-24V
Memory: 512M High performance memory	Size(L×W×H): 142*91*35mm(DIN-Rail Mount)
System: LINUX	Weight: 250g
Power: 8W	Material: Aluminum Cover
Interface: 2x Ethernets 4x RS485	Setup: DIN-Rail Mount
Flash: 8GB	Temperature: -20~70°C(working) -40~85°C(storage and transportation)
Network: 2x 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)

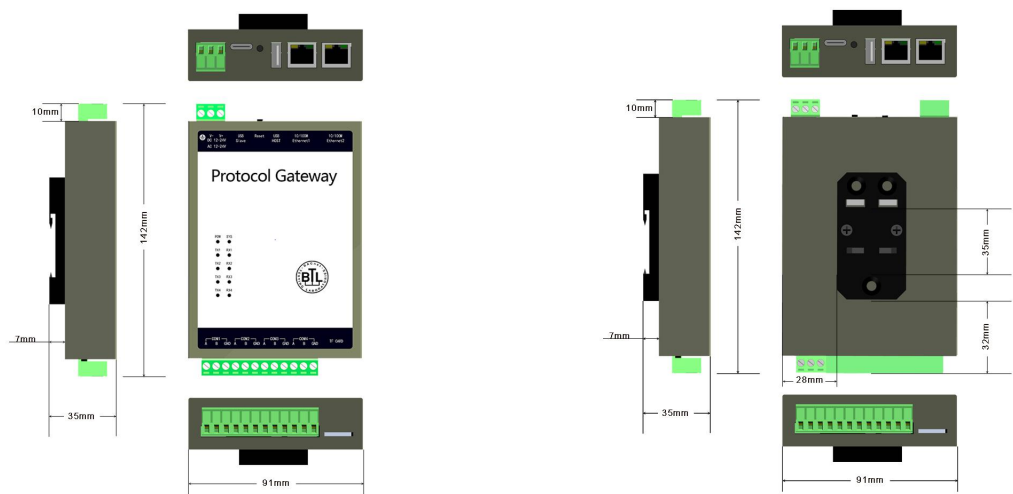
BACnet
Gateway

BACnet
Router

Application Principle Diagram



Product Size



F-BAC2004-A9 (DIN-Rail Mount)

BACnet Gateway Model: F-BAC1022-1U

Function:

F-BAC1022-1U is a hardware Gateway with 1ethernet and 2 RS485 and 2 RS232. Matching software is X2BACnet . X means all kinds of protocols from different manufacturer. These protocols(X) can be converted by BACnet hardware Gateway into standard BACnetIP /BACnetMSTP. Configured project files by X2BACnet are uploaded to hardware gateway, users can read & write point informations from different manufacturer by BACnet system.

1U:F-BAC1022-1U 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: BACnet Gateway can convert all kinds of protocols into BACnet IP/MSTP. BACnet Gateway have solved the problem that some large BA Company can't connect any uncommon devices. So BACnet system can control uncommon devices by BACnet gateway.

BA Controls: Honeywell (EBI、Niagara) , Siemens (Insight) , Johnson Controls (Metasys) , Schneider Electric (TAC) 、Delta (ORCAView) etc.

Uncommon Devices: PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 water meter etc

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

The BACnet gateway support the register type and the maximum number of points as follows.
Note: the number of gateway register points is dynamically supported, and the total number of points should not exceed 1024 points (including virtual points).

BACnet Register Types	BACnet Registers
AI (Read only)	1024 (0~1023)
AO (Read & Write)	1024 (0~1023)
AV (Read & Write)	1024 (0~1023)
BI (Read only)	1024 (0~1023)
BO (Read & Write)	1024 (0~1023)
BV (Read & Write)	1024 (0~1023)
MI (Read only)	1024 (0~1023)
MO (Read & Write)	1024 (0~1023)
MV (Read & Write)	1024 (0~1023)

BACnet Gateway Product Model:F-BAC1022-1U



Software Features:

- Green software and Free Installation;
- Support nearly 200 protocols can be converted into BACnet IP/MSTP server;
- browse, set up and monitor by WEB;
- Line convert、fetch bit 、Highbyte&Lobyte convert;
- Internal variable can check device online & offline status;
- 9 Register types （AI、AO、AV、BI、BO、BV、MI、MO、MV）；
- Friendly software configuration tool， complete 1024 points in 20min;
- new Protocol can be completed in 2 weeks;

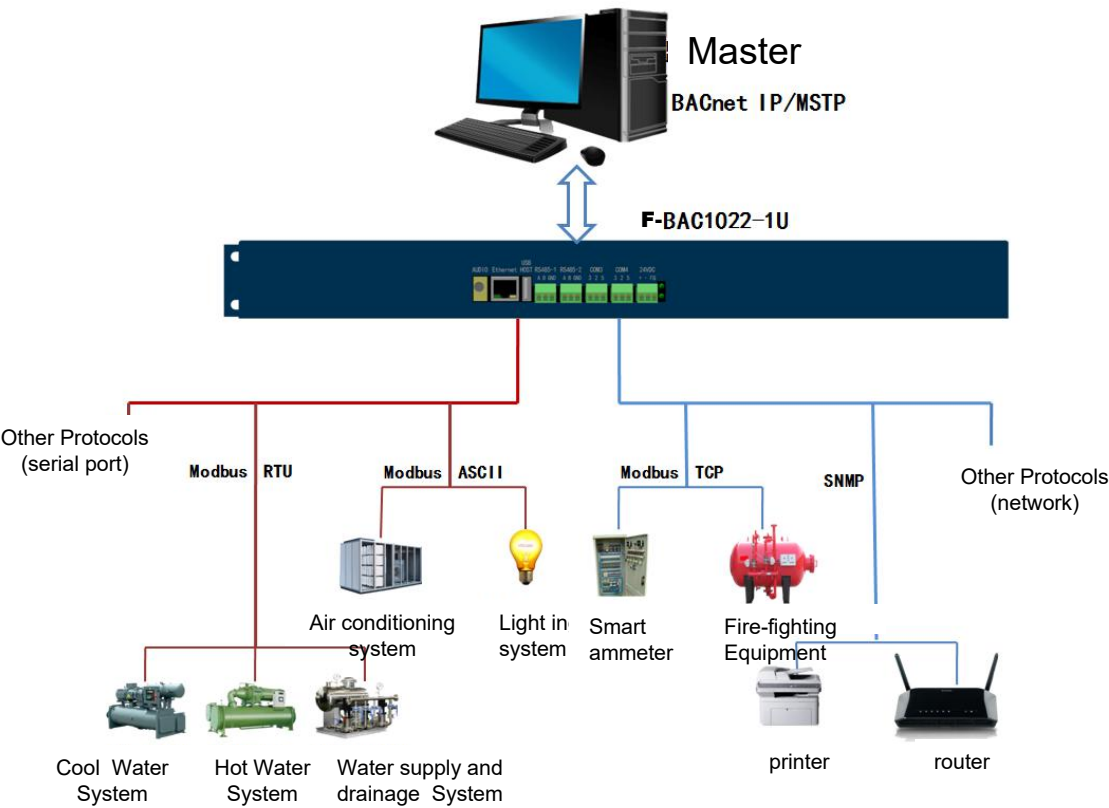
Hardware Parameter:

CPU: 400MHz	Power Supply: DC 24V
Memory: DDR2 High performance memory	Size(L×W×H): 482*179*44mm
System: WIN CE	Weight: 1800g
Power: 8W	Material: carbon steel
Interface: 1x Ethernet 2x RS485 2x RS232	Setup: rack-mounted
Flash: 256M	Temperature: -20~70℃(working) -40~85℃(storage and transportation)
Network: 1x Onboard DM9000 100M High Performance Ethernet card with 1 RJ45 interfaces	Humidity: 20% ~ 90%, no condensation (work), 15% ~ 95%, no condensation (storage and transportation)

Application Principle Diagram

BACnet
Gateway

BACnet
Router



Product Size



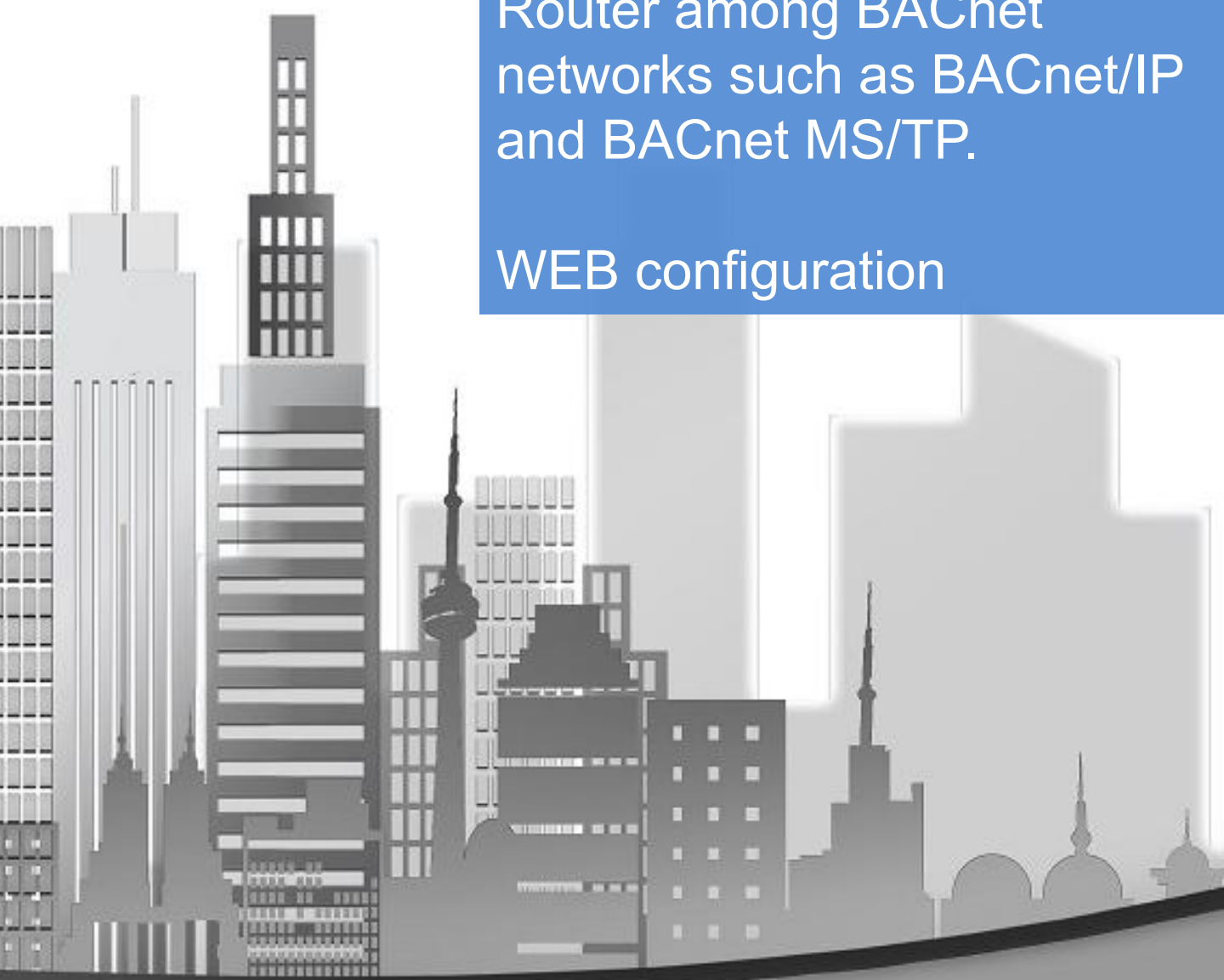
F-BAC1022-1U (rack-mounted)



BACnet Router

Router among BACnet networks such as BACnet/IP and BACnet MS/TP.

WEB configuration





BACnet Router		
1	F-Router1002-ARM	25
2	F-Router2004-A9	26

Product Model	Support MSTP Bus
F-Router1002-ARM	2
F-Router2004-A9	4

BACnet Router Product Model : F-Router1002-ARM

Functional description : Router as an Ethernet routing, to achieve pass-through between the BACnet MS / TP and Ethernet BACnet IP.

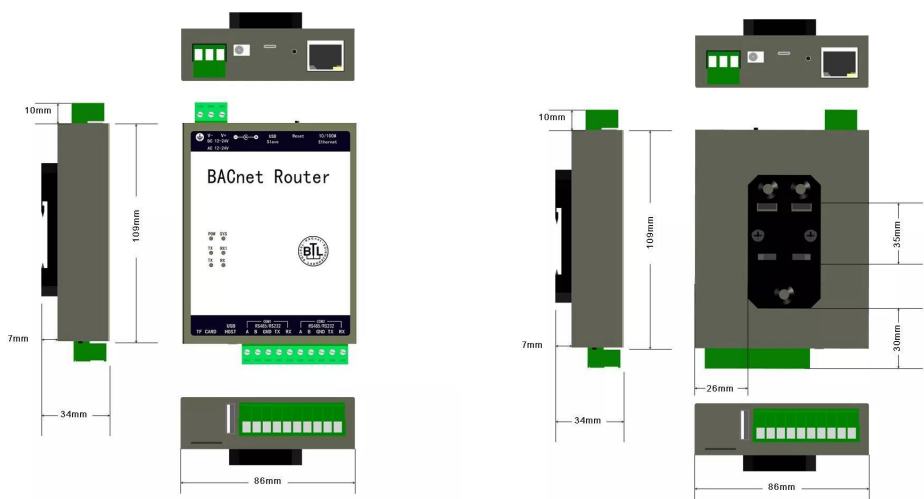
Application Fields: It applies to Johnson, Honeywell, Siemens, Delta, Schneider, and chinese domestic series of DDC, and Belimo, TROX valve controller MSTP bus integration. BA manufacturers can also achieve DDC equipment program upload and download functions.

Runtime environment: Pure WEB configuration, user operation is very convenient.

Hardware Parameter:

CPU: 1 core 400MHz	Power Supply: AC/DC 12~24V
Memory: 64M high performance memory	Size(L×W×H): 129mm×86mm×34mm (DIN Rail Mount)
System: LINUX	Weight: 350g
Power: 6W	Material: galvanized steel
Interface: 1x Ethernet 2x RS485/RS232 (alternative)	Setup: DIN Rail Mount
Flash: 128M	Temperature: -20~70℃(working) -40~85℃(storage and transportation)
Network: 2 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)

Product Size



F-Router1002-ARM (DIN-Rail Mounting)

BACnet Router Product Model : F-Router2004-A9

Functional description : Router as an Ethernet routing, to achieve pass-through between the BACnet MS / TP and Ethernet BACnet IP.

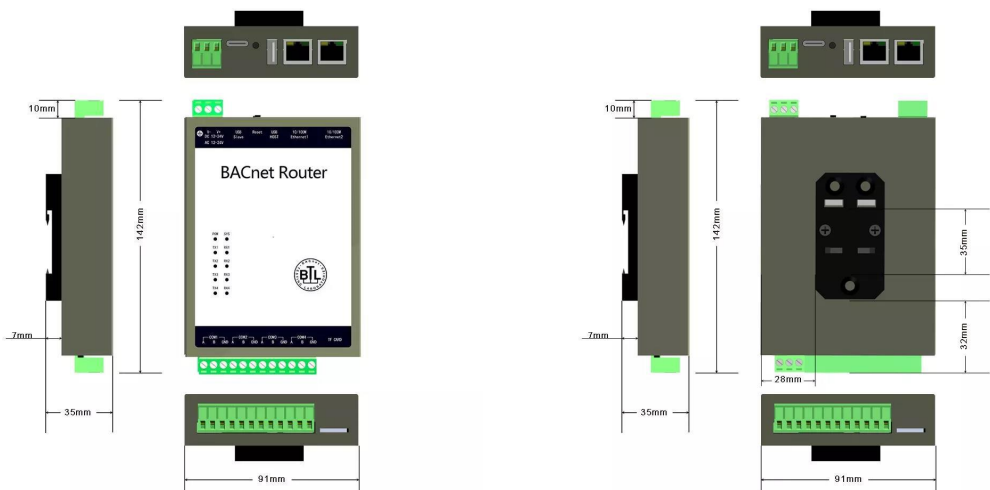
Application Fields: It applies to Johnson, Honeywell, Siemens, Delta, Schneider, and chinese domestic series of DDC, and Belimo, TROX valve controller MSTP bus integration. BA manufacturers can also achieve DDC equipment program upload and download functions.

Runtime environment: Pure WEB conFigure uration, user operation is very convenient.

Hardware Parameter:

CPU: 4 core 1.4 GHz	Power Supply: AC/DC 12~24V
Memory: 512M high performance memory	Size(L×W×H): 142mm×91mm×35mm (DIN Rail Mount)
System: LINUX	Weight: 250g
Watts: 8W	Material: Aluminum Cover
Interface: 2 Ethernet 4 RS485	Setup: DIN Rail Mount
Flash: 8G	Temperature: -20~70°C(working) -40~85°C(storage and transportation)
Network: 2 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)

Product Size



F-Router2004-A9 (DIN-Rail)



Support Protocols

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

Calorimeter for EU

- 15 MBus_EnergyMeter_EN

Calorimeter for CN

- 16 MBus_XinTuo_XTR
- 17 MBus_MaiTuo_MTW
- 18 MBus_AKE
- 19 MBus_YongGang
- 20 MBus_Zenner
- 21 MBus_EnergerMeter
- 22 MBus_EnergyMeter_HaiLin
- 23 Modbus_HaiLin_EnergyMeter

Water Meter for CN

- 24 MBus_WaterMeter
- 25 MBus_lyglhsb

- 26 ModbusRTU_Zenner

- 27 MBus_WaterMeter_LXSGY_15E

Flow Meter

- 28 Modbus_Kent
- 29 Spirax SARCO M841
- 30 SC_FlowMeter
- 31 Modbus_CNM
- 32 MODBUS_LCD
- 33 Modbus_LDZ_6_GuangHua
- 34 Modbus_BiaoYi_WL
- 35 ModbusRTU_D08_8C

Elevator

- 36 Hitachi Elevator BA Iterface
- 37 Mitsubishi Elevator SMOS-PS2
- 38 Mitsubishi Elevator KLR-F485
- 39 Otis Elevator BA Interface
- 40 ModbusRTU_Otis_BAS
- 41 Otis_Elevator_BA_Jen2
- 42 ModbusTCP_Thyssenkrupp_Elevator
- 43 ModbusRTU_Thyssenkrupp_Elevator
- 44 Mitsubishi Elevator SMOS-PS2_TCP
- 45 Modbus_Otis_Elevator
- 46 Modbus_Kone elevator
- 47 Modbus_Kone elevator ASCII
- 48 Mitsubishi Elevator MAXIEZ
- 49 Modbus_XIOLIFT_Elevator
- 50 XIOLIFT_Escalator

Electricity Meter

- 51 IEC104
- 52 DLT645-1997
- 53 DLT645-2007

54 Modbus PM800
55 Modbus IEM3000
56 CDT
57 DLT645-CHINT
58 Modbus_woyat

Air-conditioning

59 Toshiba_Airconditioning
60 EMERSON_ACM03U1
61 Hisense_Airconditioning
62 Joton Tmaster
63 Modbus_DAIKIN_IRACC
64 DAIKIN_DRCH-R5
65 VotonThermostat
66 SysGreen_Airconditioning
67 Hitachi_Chiller
68 SANYO_DG-52GHT
69 Gree_BaseStationAirconditioning
70 RC_Com
71 ZHONGHONG_VRVGateway
72 Modbus_YORK_YCOH120HSEM
73 Modbus_York
74 Panasonic_Inverter
75 SamSung_DVM_Protocol
76 SHWARM_AIR
77 Elsonic_AC331

PLC

78 Mitsubishi FX1S
79 Mitsubishi FX2N
80 Mitsubishi FX3U
81 Mitsubishi FX_485ADP_485BD
82 Mitsubishi Melsec_Q_Serial
83 Mitsubishi Melsec_Q_TCP
84 MEGMEET_MC200
85 Haiwell E/S PLC

86 Haiwell H/N PLC
87 Panasonic FP
88 XINJE PLC
89 DELTA_DVP
90 FATEK_FB
91 OMRON_FINS_UDP
92 OMRON_FINS_Serial
93 Saia_SBus_UDP
94 Toshiba_PROVISOR_TC200
95 LS_GM_GLOFA_Enet
96 Siemens_IPC_PLC

Siemens PLC

97 Siemens S7-200 PPI
98 Siemens S7-200 Network
99 Siemens S7-300 Network
100 Siemens S7-1200 Network
101 XT55 GPS SERVER
102 Siemens_MicroMaster430

Lighting control

103 KNXnetIP
104 KNXnetIP_MultiCast
105 DyNet
106 Modbus LDS
107 MicroPara_DR0816
108 MicroPara_DR1220
109 MicroPara_DH0416
110 LitePuter_DP_105E
111 LitePuter_PLNET
112 MicroPara
113 ULaiDe
114 LDS
115 E_Linker_ECWG485
116 Lutron_Telnet
117 DALITEK_DigitalHotelInterface

118 Gfilcs_GF_LCS6008_NCC

UPS

119 SANTAK UPS

120 DELTA UPS ES3000

121 LEGRAND UPS

122 EMERSON_HIPULSE

123 EMERSON_Liebert_UPS

124 ModbusRTU_GE_UPS

125 EKSI_UPS

126 EMERSON_NXL

127 EMERSON_ITA40k_UPS

Solar Control

128 Cibsolar_CA

129 Kaseman GRC

Fire Alarm

130 JB-3208 CRT

131 Siemens Cerberus FS18

132 BOSCH_DS7400XI_TCP

133 BOSCH_DS7400XI

134 BOSCH_MTSW_UDPServer

135 VESDA_Open_HLI_Protocol

136 YANRONG_YR_LC_TXAH

137 NOTIFIRE_NFS2_3030_CRT

138 TYCO_Simplex_4100ZHU

139 LEADER_LD128E_CRT

Attemperator

140 LTM9662_485NET

Environmental Protection

141 SC_HuangMei

142 MQTT_Lora_TL_ACQ1

143 FRT_AQM1000

144 JiangSu_LYHB_COD

Radar

145 Hypersee_Radar

146 Hypersee_Alarm_Radar

Weight

147 Buhler_MEAF

148 METTLER_TOLEDO_SICS

149 YAOHUA_XK3190

150 XPBalance_ES_20KTS

151 GriffithElder_ContainerTilt

Other Protocols

152 FFU

153 Panasonic MINAS A5

154 SINOLY JINE_JA05

155 SAUTER_CASE_VAV

156 saj110_AlarmSystem

157 EMEC_LDPH

158 RKC_CH402

159 YuDian_AI_Single_loop

160 GreenDaoFenMuJi

161 SOLIN

162 Condair_PH

163 BIGBANIAN_AIRC800

164 ACTI_SignalSelector

165 Modbus_TG01W

166 Ebara_Densan_S-BCS

167 Modbus_HOLTOP_HDK_09S_BA

168 YeeFung_Parking_System

169 Projector

170 HeFei_Ahhfat

171 BoosterBoiler_NEURON_NXQ

172 Epson_PJLink

173 Lumi_Gateway

174 SUMITOMO_SE_D
175 AAF_EBMBUS_EC
176 Arspas_FFU
177 SW_5
178 BMS_RICHPOWER
179 BMS_PACE
180 XiAn_XinRiAuto_MT_CN

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