

BAC2004-A9

BACnet Gateway

Model: BAC2004-A9(Guide Way) BAC2004-A9-B(Wall-Hanging)



Software Features :

- Green software and Free Installation;
- close to 200 protocols can be converted into BACnet IP/MSTP server;
- browser, set up and monitor by WEB;
- Line convert、 fetch bit 、 Highbyte & Lobbyte 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 10m;
- new Protocol can be completed in 2 weeks;

Hardware Parameter :

CPU : 1.4GHz	POWER : AC/DC 24V
Memory : 512M High performance memory	Size(L×W×H) : 142*112*28mm(Wall-hanging) 142*91*35mm(Guide Way)
System : LINUX	Weight : 250g
Watts : 5W	Material : carbon steel
Interface : 2Ethernets 4Serial Ports(4RS485)	Setup : Guide Way (BAC2004-A9-B) Wall-hanging (BAC2004-A9)
Flash : 4GB	Temperature : -40 ~ 85°C(working) -40 ~ 85°C(storage and transportation)
Network: 2 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)

BAC1002-Lite

BAC1002-ARM

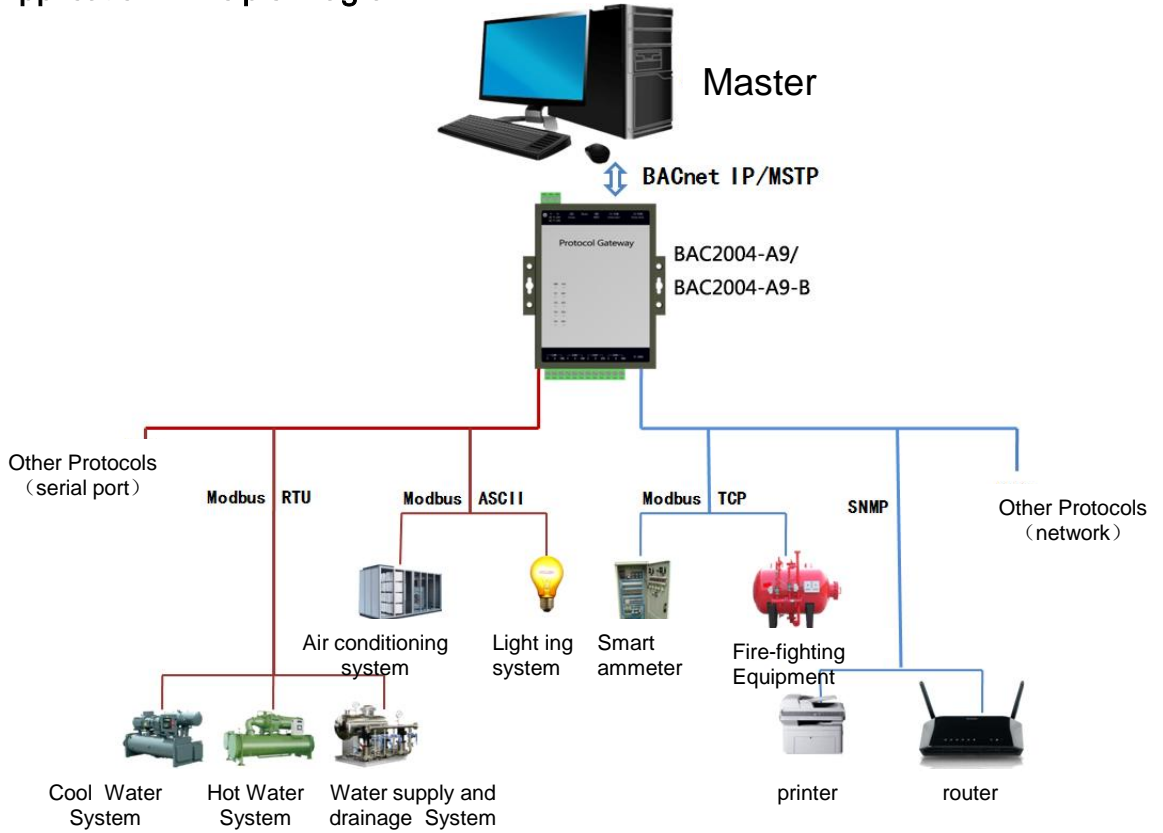
BAC2004-Lite

BAC2004-ARM

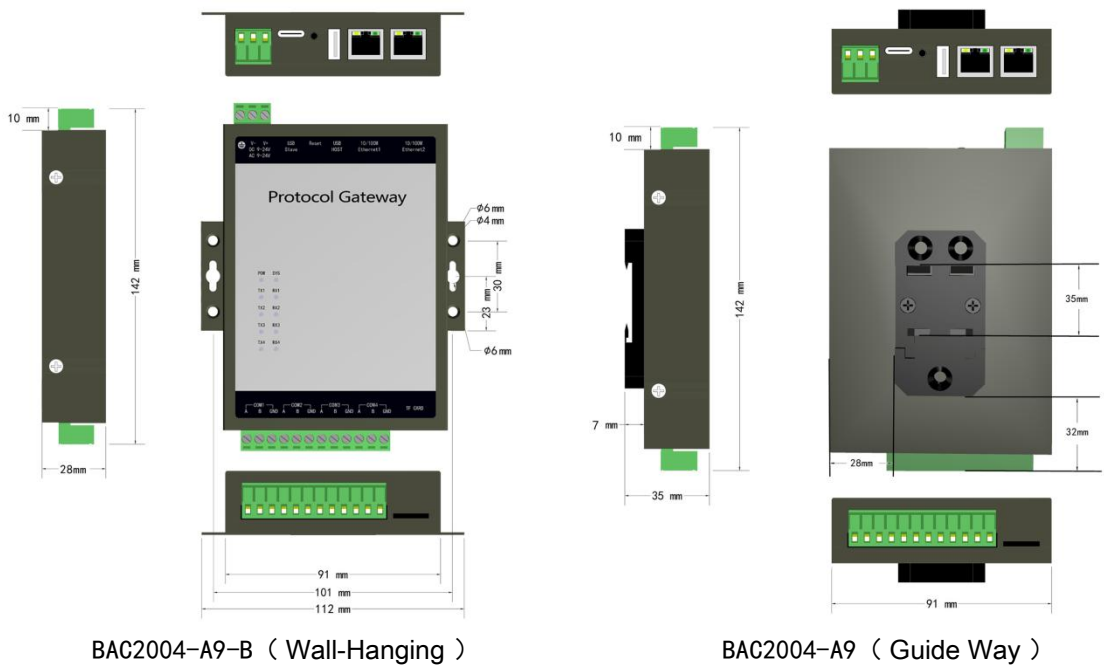
BAC2004-A9

BAC1022-1U

Application Principle Diagram



Product Size



BAC1002-Lite

BAC1002-ARM

BAC2004-Lite

BAC2004-ARM

BAC2004-A9

BAC1022-1U

BAC1022-1U

BACnet Gateway Model: BAC1022-1U

Function :

BAC1022-1U is a hardware Gateway with 1 ethernet and 2 RS485 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:

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)

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

Register Type&Num

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