

# BAC1002-ARM

## BACnet Gateway

Model: BAC1002-ARM(Guide Way) BAC1002-ARM-B(Wall-Hanging)



### Software Features :

- Green software and Free Installation;
- close to 200 protocols can be converted into BACnet IP server;
- browser, 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 256 points in 10m;
- new Protocol can be completed in 2 weeks;

### Hardware Parameter :

CPU : 240MHz

POWER : AC/DC 24V

Memory : 32M High performance memory

Size(L×W×H) : 129\*109\*27mm(Wall-Hanging)  
129\*86\*34mm(Guide Way)

System : LINUX

Weight : 200g

Watts : 5W

Material : Aluminum Cover

Interface : 1Ethernet  
2Serial Ports(1 RS485&1RS232)

Setup : Guide Way (BAC1002-Lite-B)  
Wall-hanging(BAC1002-Lite)

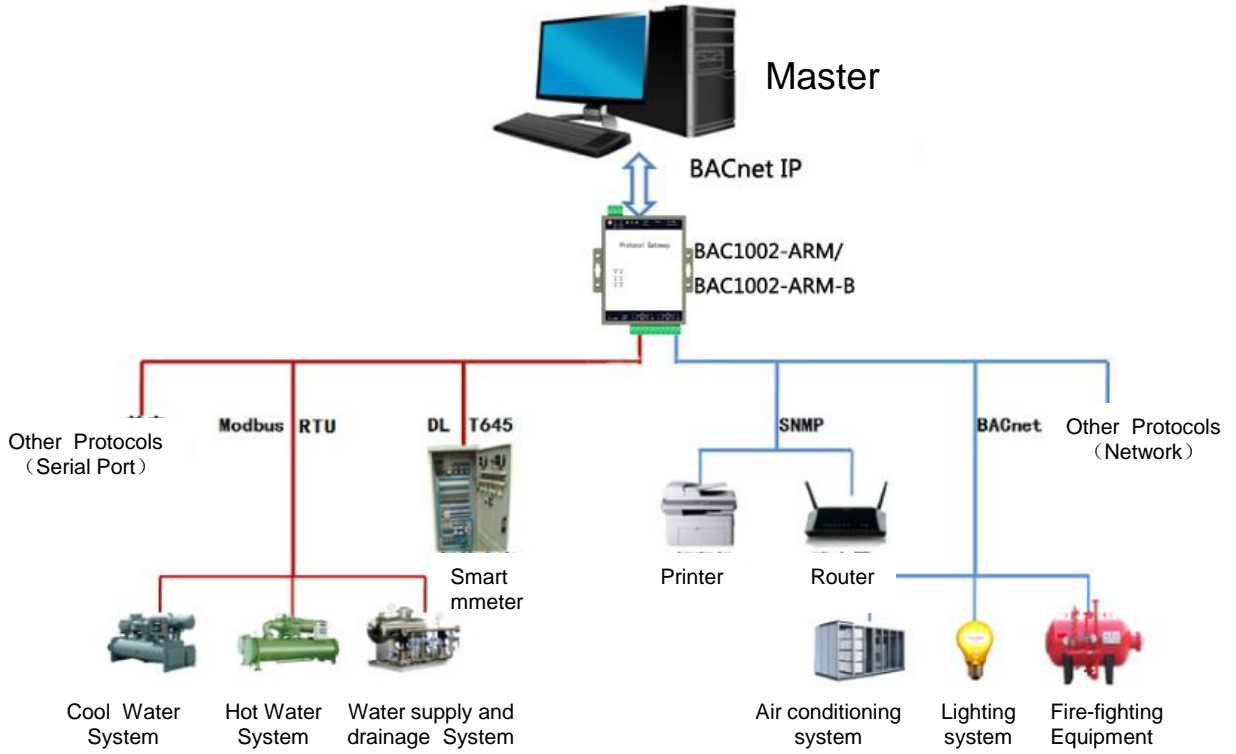
Flash : 128M

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

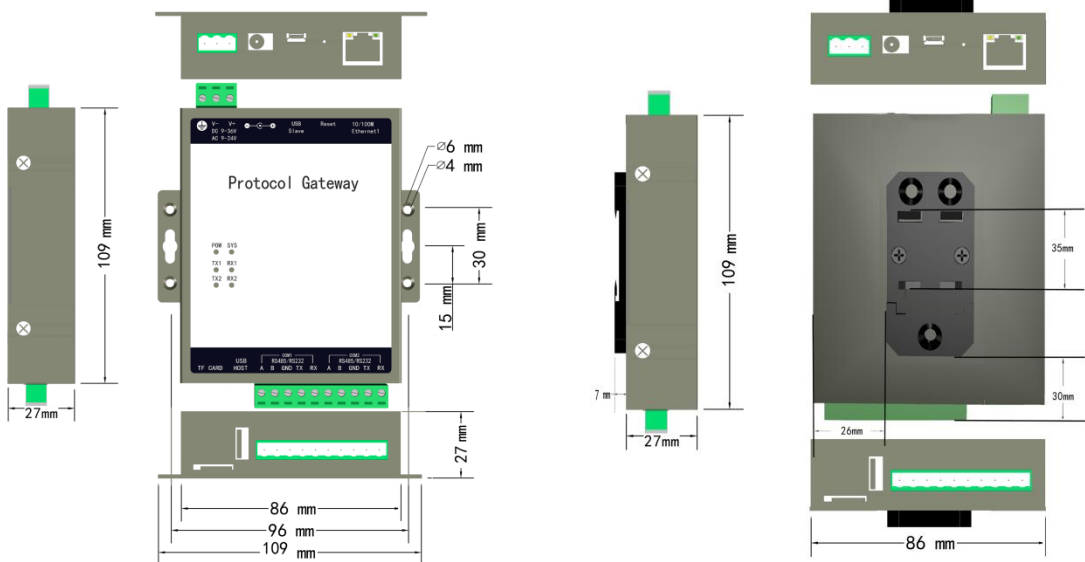
Network:  
1 High-performance 100M/10M adaptive  
Industrial Network Card, support AUTO  
MDI/MDIX

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

## Application Principle Diagram



## Product Size



BAC1002-ARM-B(Wall-Hanging)

BAC1002-ARM(Guide Way)

BAC1002-Lite

BAC1002-ARM

BAC2004-Lite

BAC2004-ARM

BAC2004-A9

BAC1022-1U

# BAC2004-Lite

**BACnet Gateway** Model:BAC2004-Lite(Guide Way) BAC2004-Lite-B(Wall-Hanging)

## Function :

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 :

Honewell ( EBI, Niagara ) , Siemens ( Insight ) , Johnson Control ( Metasys ) , Schneider Electric ( TAC ) 、 Delta ( ORCAview )

## Uncommon Devices :

PLC、 Air conditioner、 Elevator、 fire control、 light control、 smart ammeter、 watermeter

## 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 to1024 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 )