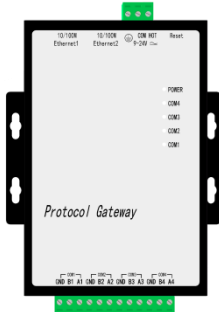


# BAC2004-Lite

## BACnet Gateway Model: BAC2004-Lite



### Software Features :

- Green software and Free Installation;
- Convert standard Modbus or some non-standard Modbus into BACnet IP / MSTP 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 1024 points in 10m;
- new Protocol can be completed in 2 weeks;

### Hardware Parameter :

CPU : 400MHz

POWER : AC/DC 24V

Memory : 64M High performance memory

Size(L×W×H) : 160\*116\*37mm

System : WIN CE

Weight : 500g

Watts : 7W

Material : carbon steel

Interface : 2Ethernets  
4Serial Ports(4 RS485)

Setup : Guide Way 、 Wall-hanging

Flash : 256M

Temperature : -30 ~ 75°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)

BAC1002-Lite

BAC1002-ARM

BAC2004-Lite

BAC2004-ARM

BAC2004-A9

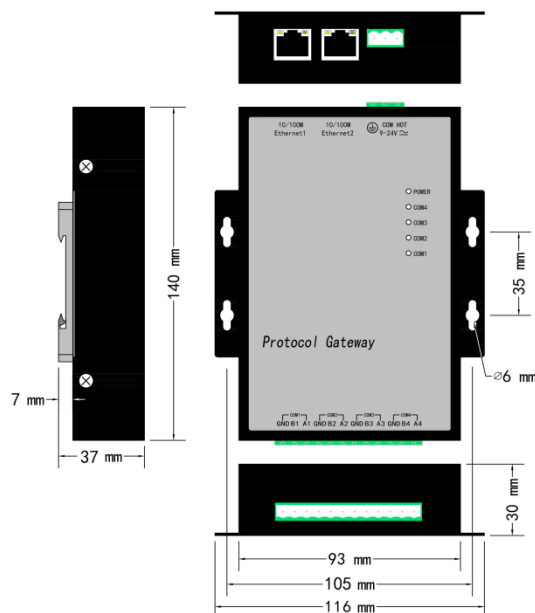
BAC1022-1U

# BAC2004-Lite

## Application Principle Diagram



## Product Size



BAC2004-Lite (Guide Way & Wall-Hanging)

BAC1002-Lite

BAC1002-ARM

BAC2004-Lite

BAC2004-ARM

BAC2004-A9

BAC1022-1U

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

**Function :**

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 :**

Honewell ( 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

**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 )