



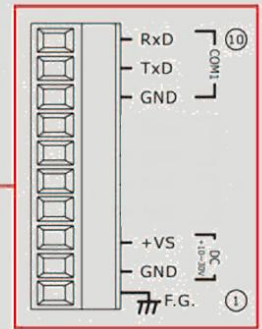
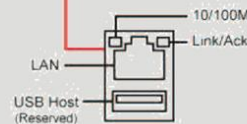
# BACnet Series Products



## Multi-function BACnet/IP I/O Module



**BNET-5310**



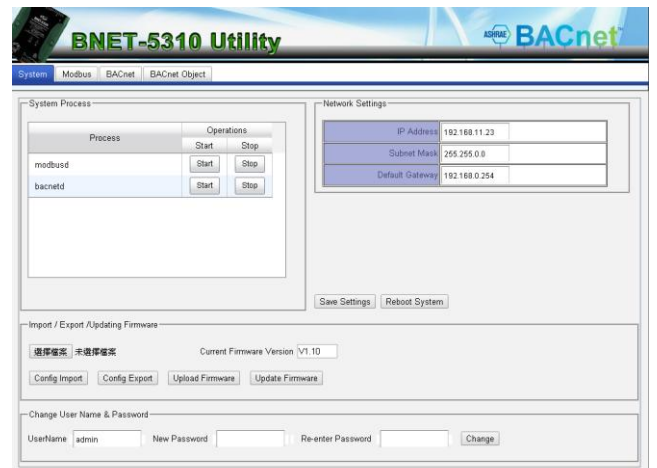
**Pin Assignment**

The BNET-5310 is a multi-function BACnet/IP module with 4 AI channels, 2 AO channel, 3 DI channels and 3 DO channels. The module contains number of BACnet objects including Device, AI, AO, BI, and BO with multiple BIBBS (DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM, DS-COV-B...etc.) supported. The modules also feature a built-in web server which allows remote configuration by using a regular web browser for an easy and safe access at any time anywhere.

### Features

- Read/Write 4 AI, 2 AO, 3 BI, 3 BO via BACnet
- Fully Compliant with BACnet/IP Server
- Web-based administration
- Provide Configuration file Import/Export
- Provide update firmware via Web Utility
- 10/100 Base-TX compatible Ethernet controller
- COM port: COM1 (3-wire RS232)
- High reliability in harsh environments
- DIN-Rail mountable

### Utility Features



### BACnet Support

Objects	Binary Input / Binary Output / Binary Value / Analog Input / Analog Output / Analog Value / Multi-state Input / Multi-state Output / Multi-state Value / Device
BIBBs	DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DS-COV-B, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-TS-B, DM-UTC-B, DM-RD-B

<http://www.icpdas.com>

- Configured via standard web browser
- Provide BACnet configuration interface

### Multi-function I/O

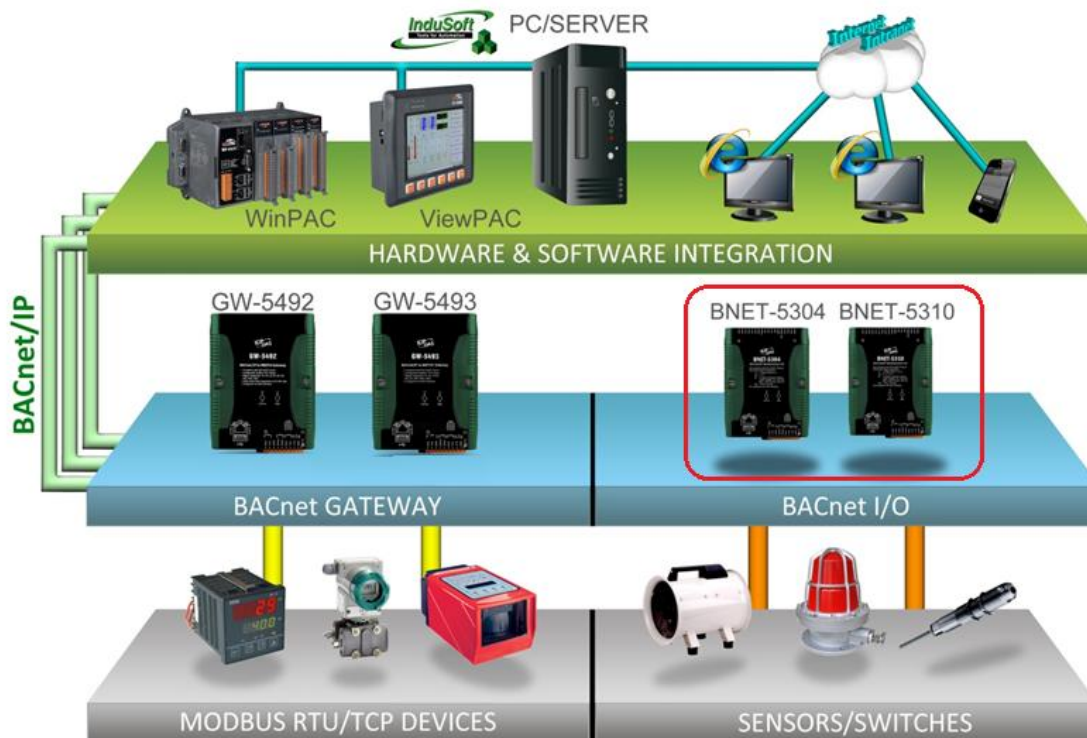
Analog Input	4 Channels
Analog Output	2 Channels
Digital Input	3 Channels
Digital Output	3 Channels



## Hardware Specifications

System	
CPU	32-bit
SDRAM	128 MB
Flash	64 MB
EEPROM	16 KB
Communication Ports	
COM1	RS-232 (RxD, TxD, and GND); Non-isolation
Ethernet	10/100Base-TX Ethernet Controller
Protocol	
BACnet	BACnet/IP Server
BACnet Objects	1 Device, 4 AI, 2 AO, 3 BI, 3 BO
BIBBs	DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DS-COV-B, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-TS-B, DM-UTC-B, DM-RD-B
Mechanical	
Dimensions	91mm x 132mm x 52mm(W x L x H)
Installation	DIN-Rail
Environment	
Operating Temp.	-25 ~ +75 °C
Storage Temp.	-30 ~ +85 °C
Humidity	5 ~ 90% RH, non-condensing
Power	
Power Input Range	+10V to +30VDC
Isolation	1 kV
Consumption	4.8 W (0.2 A @ 24 VDC)

## Applications



## Ordering Information

**BNET-5310**

Multi-function BACnet/IP I/O Module with 4 AI, 2 AO, 3 DI, and 3 DO