



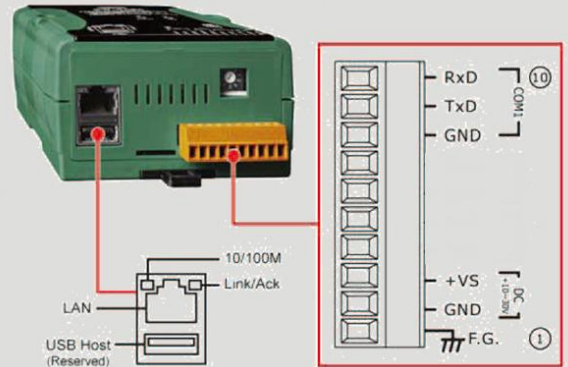
BACnet Series Products



Multi-function BACnet/IP I/O Module



BNET-5304



Pin Assignment

The BNET-5304 is a multi-function BACnet/IP module with 6 AI channels, 1 AO channel, 4 DI channels and 4 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.

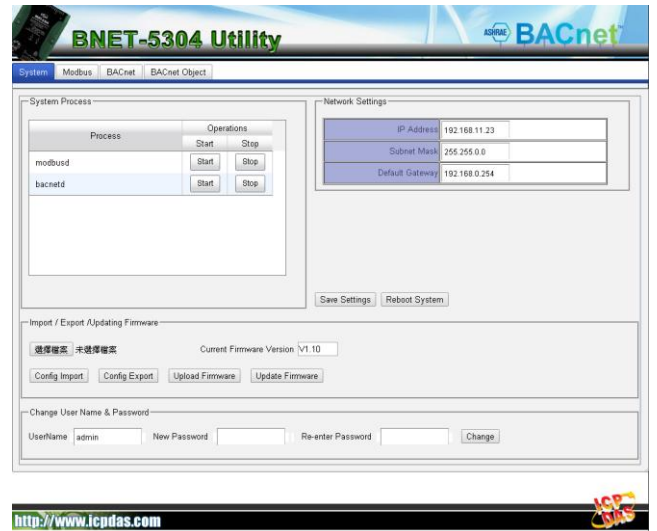
Features

- Read/Write 6 AI, 1 AO, 4 BI, 4 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

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 |

Utility Features



- Configured via standard web browser
- Provide BACnet configuration interface

Multi-function I/O

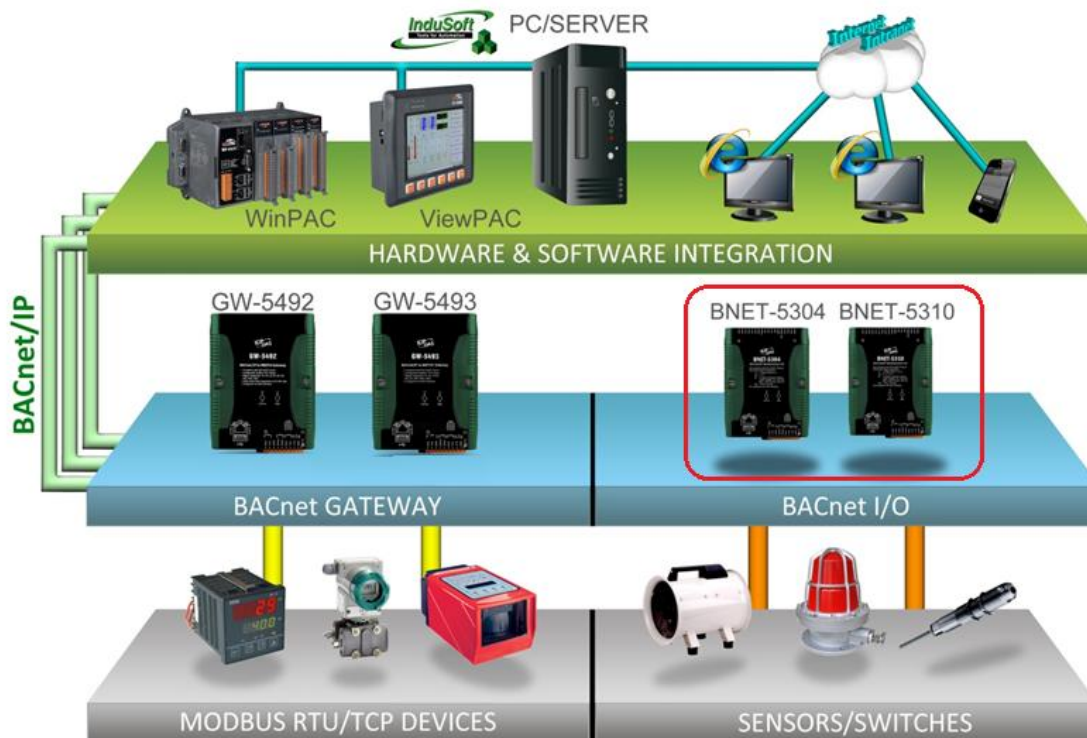
| | |
|----------------|------------|
| Analog Input | 6 Channels |
| Analog Output | 1 Channels |
| Digital Input | 4 Channels |
| Digital Output | 4 Channels |



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, 6 AI, 1 AO, 4 BI, 4 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-5304

Multi-function BACnet/IP I/O Module with 6 AI, 1 AO, 4 DI, and 4 DO