

# NT-IPXB

## Ethernet Network Controller

**Control up to 32 Net/X™ Thermostats**

**For XBUS Wired & StrongMesh™ Wireless**

**10/100Mbps Ethernet Connectivity**

**Dual XBUS Drives**

**API Language for 3<sup>rd</sup> Party Integration**

*Works with Net/X Command Center Software*



### GENERAL DESCRIPTION:

The NT-IPXB network controller supports up to 32 Net/X thermostats and is a direct replacement for the NT-SSA16/CLK and NT-SSA32/CLK. The controller includes a real-time clock/calendar that allows simple, yet robust control of XBUS wired and StrongMesh wireless Net/X systems. Additionally, the NT-IPXB controller enables simple integration with any control system or automation system via the simple Net/X API open protocol. Connectivity using a standard RJ45 jack for 10/100Mbps Ethernet is included and screwless terminals are integrated for easy XBUS hook up. The unit also includes a real time clock and calendar with battery backup circuitry to keep the clock and calendar accurate during extended power outages.

### STANDARD FEATURES:

- Integrated web server for Simple Network Configuration from any Web Browser
- Dual XBUS drives, allowing connection and control of up to 32 Net/X Thermostats
- Any Net/X thermostat can be up to 1,000 feet away using CAT5 cable
- Integrated Net/X™ API, Allowing for Development of 3<sup>rd</sup> Party Apps & Control System Interfaces
- XBUS allows for Power and Data over the same CAT5 Cable
- Integrated Real Time Clock/Calendar with Electronic Battery Backup
- 3 LED lights; 1 for Power, 1 for XBUS Comm, and 1 for Ethernet Link
- Integrated 2-Line Backlit Display with Scrolling Network Status Information
- Can be Easily Located on Any Network with the Net/X Device Explorer Software
- DHCP or Static Local IP Address
- Mounting Tabs for Simple Wall Mount
- 5VDC Power Supply Included (UL Listed)

*Free Net/X™ Command Center PC Software for Controlling Multiple Thermostats and Locations from a Single Screen*



## SPECIFICATIONS:

<b>Rated Power:</b>	5VDC / 1watt. UL Listed Power Supply Included
<b>Display:</b>	2-Line Dot Matrix Display with Blue Backlight
<b>Real Time Clock/Calendar:</b>	Clock Stays Accurate for Approximately 5 Days without Power
<b>XBUS:</b>	Dual XBUS Drives for Communication with up to 32 Net/X Thermostats
<b>Ethernet:</b>	IEEE802.3, 10/100Mbps
<b>Dimensions:</b>	4.5"L x 2.25"W x 1.0"H
<b>System LEDs:</b>	Red – Power; Green – Ethernet LAN Link; Red – XBUS Comm
<b>Ethernet Terminations:</b>	RJ-45
<b>Power Terminations:</b>	Barrel Connector
<b>XBUS Terminations:</b>	Screwless Terminals

## WIRING DIAGRAMS:

### Typical Wiring Diagram NT-IPXB Network Controller

