

# Basyx SVB Supervisor

## Product Overview

The Basyx SVB Supervisor is a network based device which provides supervisory control and monitoring of a Basyx building automation and temperature control system. The SVB incorporates a web server, and is viewed through a browser-based interface and can also be accessed via our standard TriComm software.



The SVB connects to the communications bus of the systems, and interacts with all standard Basyx controllers. The Basyx SVB constantly polls the controllers, and maintains all system data for display through the interface. Extensive logical programming and global system functions are provided through the SVB, and historical data may be collected for reporting on all system points. All programming and historical data is contained on a standard 1MB SD memory card, and provides virtually unlimited historical trends. The Basyx SVB also provides email notification upon detection of user defined alarm conditions.

The Basyx SVB is interconnected with the Basyx controllers through a twisted pair cable, with maximum system configuration of 255 controllers.

The Basyx SVB system is accessed and monitored through a browser-based interface. The system may also be accessed through TriComm, our standard Windows based interface program, providing total system interrogation, programming and report generation through a pass-through connection on the SVB controller.

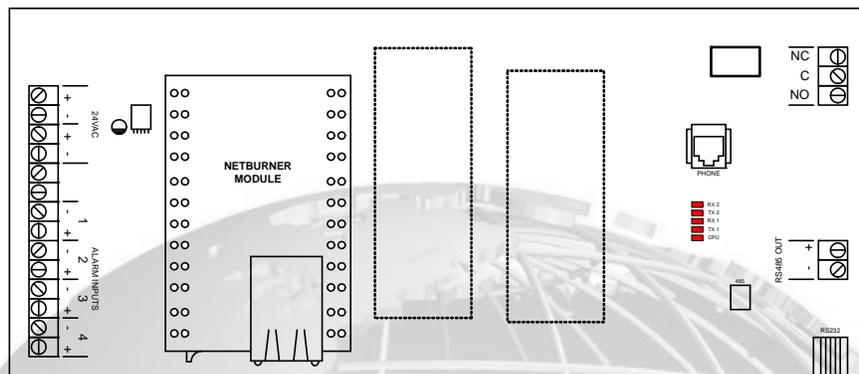
## Features

- Integrated web server allows access through local internet/intranet connection.
- Provides total system access through browser-based interface, accessible from any computer with internet capabilities.
- All required programming provided by the factory.
- Basic browser based graphical interface software provided.
- Access through standard TriComm software for board level programming and monitoring.
- Performs logging of all data points for historical reporting of system operation.
- Email alarm notification.
- Email historical reports
- Logical programming allows custom programs to be implemented on a global scale.
- All global system functions controlled through the Supervisor controller.
- System total configuration of 255 controllers allows projects exceeding 8,000 points.
- SD Memory card for system program and historical data storage.
- Controller network length of 4000 feet.
- 24vac power reduces installation cost.
- Snap-Track mounting.

## Options

- BACnet module for connection as a remote device on existing BAS systems utilizing BACnet IP interface.
- BACnet module for connection as a remote device on existing BAS systems utilizing BACnet MSTP interface.
- Modbus module for connection as a remote device on existing BAS systems utilizing Modbus RTU interface.
- Optional software for tenant override and billing functions (future)

## Controller Details



### Specifications

**Communication:** EIA RS-485 at 57.6K baud on 18AWG shielded, plenum rated cable (Recommended Belden 6300FE or equivalent)

**Power Requirements:** Voltage: 24VAC (-10% / 5%), 50/60/Hz  
Current: 3.2VA  
Recommend 7VA transformer sizing for AC power

**Ports:** RS-485 communications bus  
RS-232 direct connect maintenance bus  
RS-232 modem (Future Use)  
Ethernet Connection

**Environmental Limits:** Temperature: 32°F to 125°F.  
Humidity (non-condensing): 95%

**Enclosure/Mounting:** 3" Snap-track mounting channel

**UL Listing:** ANSI/UL 916

**Dimensions:** 8.5"W x 3.25.0"H x 1.5"D

**Shipping Weight:** Approx. 1.1 lbs.