

# Basyx IPR Repeater Module

## Product Overview

The Basyx IPR is a stand-alone repeater board which provides channel expansion of the Basyx communications bus. The IPR is installed as an RS485 repeater in systems which require multiple loops (channels) or extensive comm bus length. The Basyx IPR requires no programming or address setup, and works within the standard 255 total controller configuration.

The installation of the IPR module will allow channels to be installed on multi-floor or large segmented facilities without eliminating the requirement for one continuous daisy-chain comm bus within the system.



## Features

- Allows multiple channel installation for multi-floor or segmented facilities.
- Provides optically isolated, fused interconnection with other system components for protection against spikes or cross damage.
- Provides additional loop distance through repeater function.
- Complete pass-through operation with no addressing.
- Provides access to 255 total system controllers.

## Product Specifications

Power Requirements:	24VAC (-10% / 5%), 50/60/Hz Current: 200mA Maximum
Ports:	(2) RS-485 communications bus (1 main loop, 1 channel loop) RS-232 direct connect service bus
Environmental Limits:	Temperature: 32°F to 125°F. Humidity (non-condensing): 95%
Enclosure/Mounting:	Snap-Track
UL Listing:	ANSI/UL 916
Dimensions:	4.25"W x 3.125"H x 1.125"D
Shipping Weight:	Approx. 0.5 lbs.