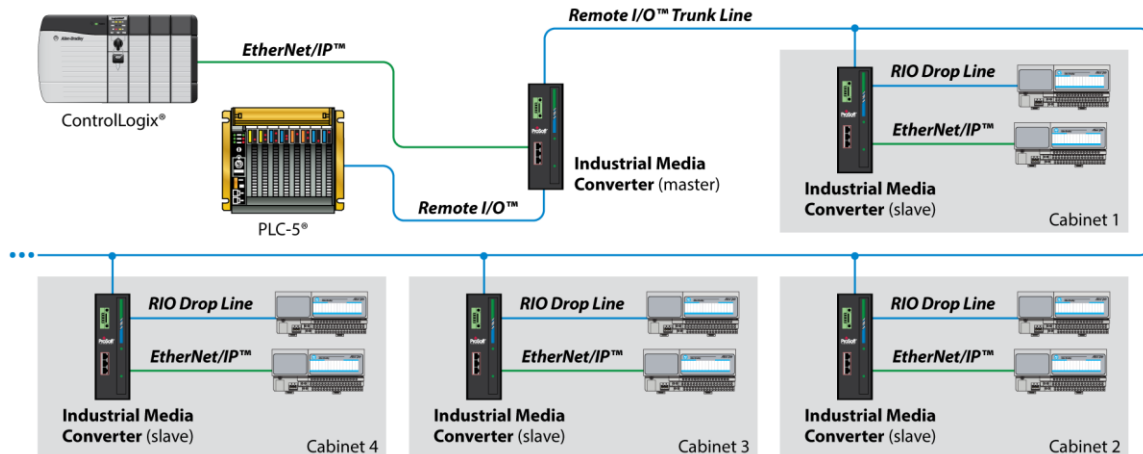


## Ethernet over Belden® 9463 Blue Hose® Industrial Media Converters, non-CE IMC-BHx-AC

ProSoft Technology's IMC-BHx-AC Industrial Media Converters allow users to simultaneously run EtherNet/IP™ and A-B Remote I/O data on existing Belden 9463 Blue Hose media.

Once Industrial Media Converters have been added to the existing system, users will be able to deploy a phased upgrade of their legacy control system. A Logix system can be deployed on top of the existing Remote I/O infrastructure allowing users to upgrade their legacy I/O, drives, HMIs and other end devices. Upgrading of your control system can now be done during scheduled downtime, saving time and money.



### Features

- ◆ Because the quality of your installed Blue Hose cable varies, the IMC-BHx-AC continuously monitors the Remote I/O trunk cable and selects the optimal broadband channel for the best ethernet speed.
- ◆ Data rates up to 30 Mbps
- ◆ Units are Plug & Play - No configuration required
- ◆ These transparent network devices do not have an IP address (similar to an unmanaged switch)
- ◆ Support for 57.6k and 115.2k Remote I/O baud rates
- ◆ Isolates noise on Remote I/O cable for improved communications
- ◆ Remote I/O drop line - Up to 5,000 cable feet
- ◆ Remote I/O trunk line - Up to 2,000 cable feet
- ◆ Remote I/O trunk line with repeaters - Up to 10,000 cable feet
- ◆ Support for up to 32 Remote I/O nodes

## Specifications

### IMC-BHM-AC (Master)

Specification	Description
Ethernet Ports	Local 3 Port 10/100 Ethernet RJ-45
Ethernet Bandwidth	Up to 30 Mbps
Cabling Type (Trunk/Drop)	Belden 9463 Blue Hose
Remote I/O Baud Rates	57.6k and 115.2k
LEDs (Green, Yellow, Red)	Trunk Status (Tri-Color), Drop Status (Tri-Color)
DIN Rail Mountable	Yes
Dimensions (H x W x D)	8.3 x 2.7 x 4.3 in 21.0 x 6.7 x 10.9 cm
Weight	1.94 lb (0.88 kg)
Power	120/240 VAC (-15% / +10%) 60/50 Hz 2 Amps Max. (5 Watt Nom.)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity	10% to 90% (non-condensing)

### IMC-BHS-AC (Slave)

Specification	Description
Ethernet Ports	Local 3 Port 10/100 Ethernet RJ-45
Ethernet Bandwidth	Up to 30 Mbps
Cabling Type (Trunk/Drop)	Belden 9463 Blue Hose
Remote I/O Baud Rates	57.6k and 115.2k
LEDs (Green, Yellow, Red)	Trunk Status (Tri-Color), Drop Status (Tri-Color)
DIN Rail Mountable	Yes
Dimensions (H x W x D)	8.3 x 2.7 x 4.3 in 21.0 x 6.7 x 10.9 cm
Weight	1.94 lb (0.88 kg)
Power	120/240 VAC (-15% / +10%) 60/50 Hz 2 Amps Max. (5 Watt Nom.)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity	10% to 90% (non-condensing)

### IMC-BHR-AC (Repeater)

Specification	Description
Ethernet Bandwidth	Up to 30 Mbps
Cabling Type (Trunk/Drop)	Belden 9463 Blue Hose
Remote I/O Baud Rates	57.6k and 115.2k
Wall Mountable	Yes
Dimensions (H x W x D)	13.5 x 11.0 x 5.5 in 34.3 x 27.9 x 14.0 cm
Weight	11.4 lb (5.16 kg)
Power	120/240 VAC (-15% / +10%) 60/50 Hz 4 Amps Max. (10 Watt Nom.)
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity	10% to 90% (non-condensing)



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## Ordering Information

To order this product, please use the following:

## Ethernet over Belden® 9463 Blue Hose® Industrial Media Converters

IMC-BHM-AC – Master  
IMC-BHS-AC – Slave  
IMC-BHR-AC – Repeater

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: [www.prosoft-technology.com](http://www.prosoft-technology.com) and select *Where to Buy* from the menu.

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