



NC-BAS RTPBXX

BACnet/IP to MS/TP Adapter



Overview

The BACnet/IP to MS/TP adapter is a convenient device used to connect a laptop to an MS/TP network with all the electronics supplied in a lightweight, small plastic case. The unit is powered from a USB port removing the need for batteries or wall plugs.

Applications

- Connect to MS/TP network using a notebook or PC
- Commission devices before your network is up and running

Features & Benefits

- Route between BACnet®/IP to BACnet BACnet® MS/TP networks
- Diagnostic LEDs include MS/TP traffic monitor
- Optically isolated MS/TP communication port
- Web server for commissioning, re-configuring and troubleshooting
- 10/100 Mbps Ethernet auto-negotiation and automatic medium-dependent interface cross-over port

Product Specifications

Power

Input	USB (Type B Port)
Voltage	5 VDC (nominal)
Current	300 mA (typical)
Power Consumption	2.5 W

Environmental

Operating Temperature	0°C to 60°C; 32°F to 140°F
Storage Temperature	-40°C to 85°C; -40°F to 185°F
Relative Humidity	10 to 95%, non-condensing
Protection	IP30

Enclosure

Material	Plastic
Color	Black
Dimensions (W x H x D)	4.25 x 2.63 x 1.26" (108 x 67 x 32mm)
Installation	USB Plug

Ethernet Port

Compliance	IEEE 802.3
Data Rate	10 Mbps, 100 Mbps
Physical Layer	10BASE-T, 100BASE-TX
Max Cable Length	100 m
Port Connector	Shielded RJ-45
LED Indicators	Green = 100 Mbps (flash for activity) Yellow = 10 Mbps (flash for activity)

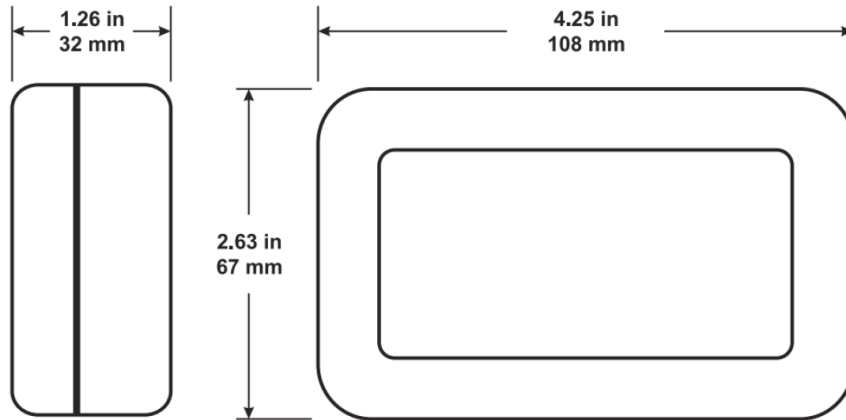
MS/TP Port

Compliance	ANSI/ASHRAE 135 (ISO 16484-5)
Data Rate	9,600; 16,200; 38,400; 76,800 bps
Physical Layer	EIA-485
Max Cable Length	1200 m
Port Connector	3-pin terminal block Jumper-selectable bias and termination
LED Indicators	Green = MS/TP (flash for activity)

Regulatory Compliance

CE	EN 55022, EC 55024
CFR	CFR 47, Part 15 Class A

Dimensions



Specifications subject to change without notice.
Distech Controls, and the Distech Controls logo are trademarks of Distech Controls Inc. All other trademarks are property of their respective owner.
©, Distech Controls Inc., 2015. All rights reserved.