FieldServer Data Sheet - BACnet Router FS-Router-BAC

Overview

The FieldServer BACnet Router offers a complete BACnet Internetworking solution for BACnet/IP, BACnet Ethernet and BACnet MS/TP networks.

The first standalone BACnet Router that has been certified by BTL to ensure the highest standard for BACnet integration

The FieldServer BACnet Router has two RS-485 ports enabling up to 64 BACnet MS/TP devices connected to it without the use of additional line drivers. The Router allows response to be cut in half due to the devices on two RS-485 port.

The Router has an easy one page configuration, ensuring that integration is completed with ease. DeviceFind™, our unique discovery feature, allows the integrator to push a button and discover all the BACnet devices connected to the router.
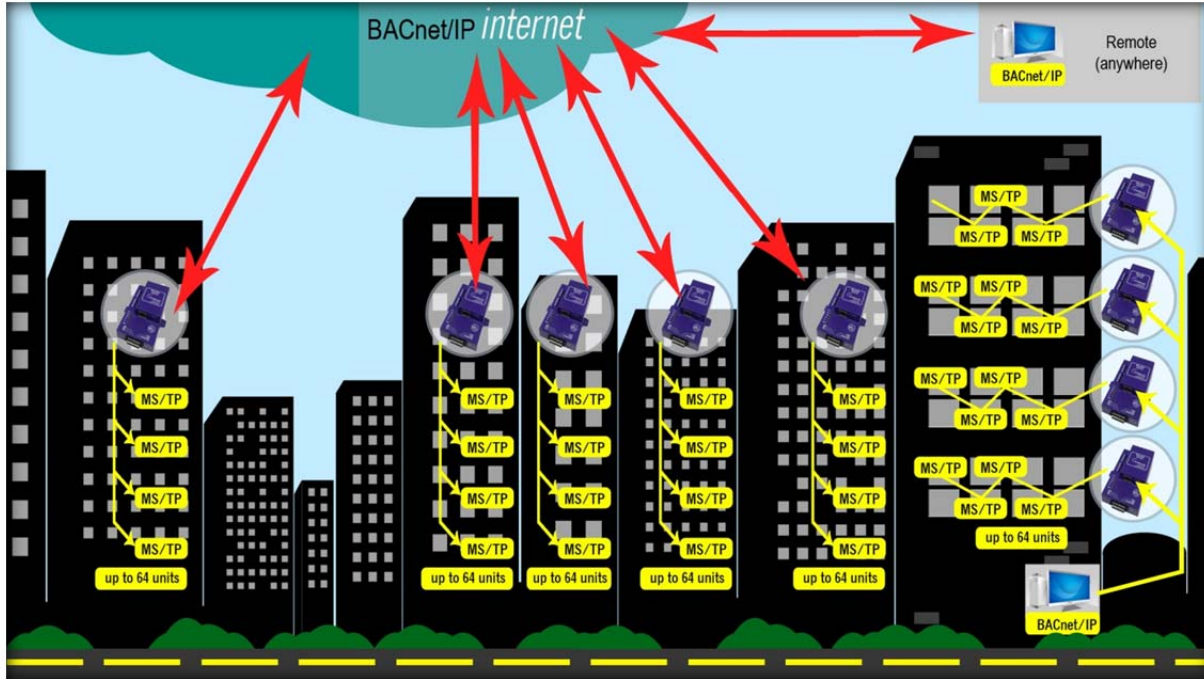
Multiple BACnet Routing Connections

- BACnet/IP & BACnet MS/TP
- BACnet MS/TP & BACnet Ethernet
- BACnet MS/TP & BACnet MS/TP
- BACnet/IP & BACnet/IP
- BACnet/IP & BACnet Ethernet

Ease of Use

- NAT support with secondary BACnet/IP connection for routing between public and private IP networks
- Foreign Device Registration (FDR)
- BACnet Broadcast Management Device (BBMD) for a connection between different subnets
- Web Based configuration

Ease of Installation

- MDIX to use any Ethernet cable for commissioning & installation
- DHCP to automatically obtain IP setting from the network
- ToolBox to find and diagnose Routers on your network
- Wide range of input power requirements AC or DC

Specifications

Model

FS-Router-BAC

Communication

Serial RS-485 x 2

 Galvanic isolation

 Baud: 9600, 19200, 38400, 57600, 76800, 115200

Ethernet

 10/100BaseT

 MDIX

 DHCP

Environment

Operating temperature:-40 to 75°C (-40 to 167°F)

Relative humidity: 5-90% RH

   non-condensing

Other

Web Configuration

Toolbox diagnostic utility

Table, Wall mount

DIN rail mount included

Construction

Dimensions: (HxWxD)

  4.5 x 2.9 x 1.6 in.

  (11.5 x 7.4 x 4.1 cm)

Weight: 0.4 lbs (0.2 Kg)

Power Requirements

9-30VDC or 12-24VAC

Current draw @ 12V: 240 mA

Approvals

RoHS Compliant

TUV approved to UL 916, EN 60950-1

EN 50491-3

CSA C22.2 standards

BTL Certification Rev. 12

GOST-R Certified

*Specifications subject to change without notice