

*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 ports.

The Router has an easy one page configuration, ensuring that integration is completed with ease. All BACnet connected device can be viewed through the unique Device Discovery function. The list of discovered devices can be exported via Excel.



## Multiple BACnet Routing Connections

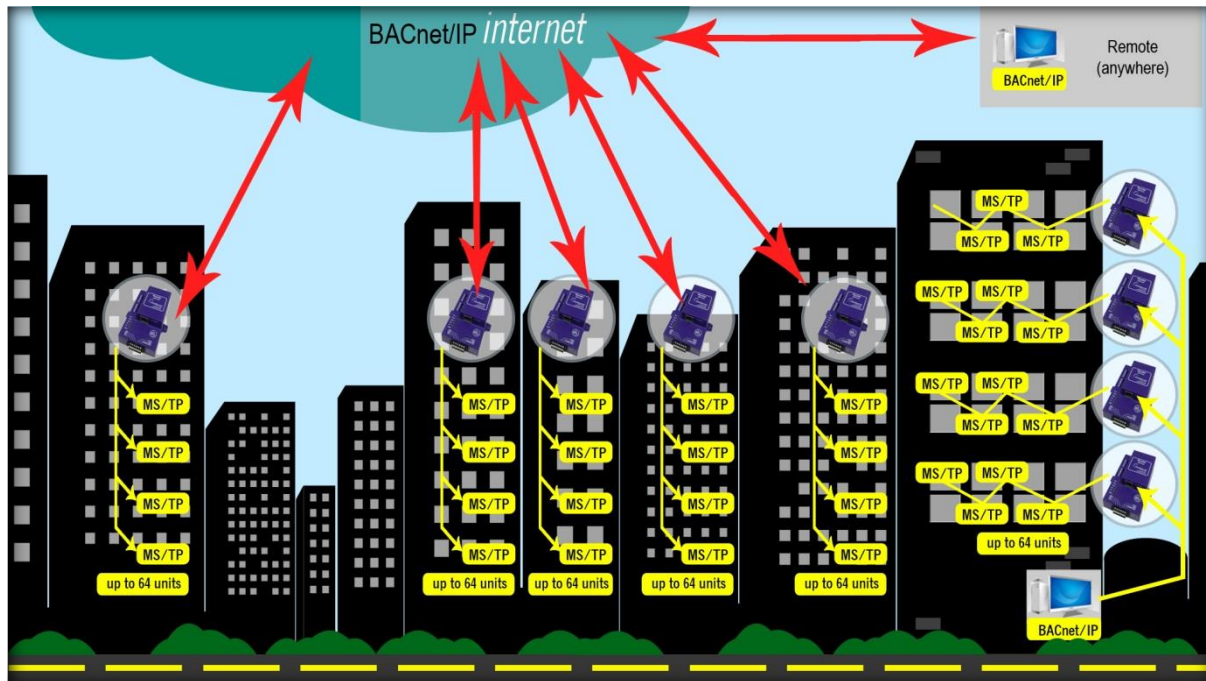
- BACnet/IP & BACnet MS/TP
- BACnet MS/TP & BACnet Ethernet
- BACnet MS/TP & BACnet MS/TP
- BACnet/IP & BACnet/IP
- BACnet/IP & BACnet Ethernet

## 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



## Ordering Information

Model #	Description
FS-Router-BAC	BACnet Router

## Specifications:

### Environment

- Operating temperature: -40 to 75°C (-40 to 167°F)
- Relative humidity: 5-90% RH non-condensing

### Power Requirements

- 9-30VDC or 12-24VAC
- Current draw @ 12V: 240 mA

### Physical Dimensions (HxWxD)

- 4.5 x 2.9 x 1.6 in. (11.5 x 7.4 x 4.1 cm)
- 0.4 lbs (0.2 Kg)

### Other

- Web Configuration
- Toolbox diagnostic utility
- Table, Wall mount
- DIN rail mount included

### Communication

- Serial RS-485 x 2
- Galvanic isolation
- Baud: 9600, 19200, 38400, 57600, 76800, 115200
- Ethernet
- 10/100BaseT
- MDIX
- DHCP

### Approvals

- RoHS Compliant
- TUV approved to UL 916, EN 60950-1
- EN 50491-3
- CSA C22.2 standards
- BTL
- GOST-R Certified
- CE and FCC



11/2014