



FieldServer BACnet ArcNet Gateway FS-B4018-01

A 10-serial, 2-Ethernet port, 1-Arcnet protocol translator gateway enables data transfer between serial and Ethernet protocols. An extensive library of drivers provides easy interoperability between a variety of devices used in building automation, HVAC, fire and process control industries.

Serial – Ethernet – BACnet Arcnet

The FieldServer is a protocol translator/gateway which enables devices using one protocol to communicate with devices using another protocol. An example is a fire alarm panel using a proprietary manufacturer's protocol needing to supply alarm information to a building automation system. In a single, comprehensive package the FieldServer provides the hardware and software necessary for this translation. The FS-B4018 includes eight RS-232 ports, two RS-485 ports, two Ethernet (10BaseT) ports and one Arcnet port to interface to the devices. All the necessary software and instructions for configuration are supplied with the FieldServer. FieldServer Technologies also offers fee based configuration services. FieldServers are available for various fieldbuses.

Specifications

Field Connections

- **Ethernet Ports**
 - Qty 2-10BaseT RJ45 connector
- **Serial Ports**
 - Qty 8 RS-232 ports, RJ45 connector
 - Qty 2 RS-485 ports, terminal connector
 - Up to 115K baud
- **Arcnet Port**
 - ATA/ANSI 878.1
 - 2.5 Mbps baud rate
- **Drivers**
 - Drivers available for a wide range of Ethernet and serial protocols

Host PC Connections (for Configuration)

- Ethernet 10BaseT
- RS-232 or RS-485

LED Indicators

- Power, Run, System Error, Configuration Error
- Port connections – Tx/Rx communication activity

Other

- Configuration/Diagnosis Utilities
- Custom Configuration option
- Approximately 1000 points standard, upgradeable to 5000 points

Power Requirements

- 120/220 VAC, 50/60 Hz, 1 amp

Environment

- Operating temperature: 0-60°C (32-144°F)
- Relative humidity: 10-95% RH non-condensing

Physical Dimensions

- 7.5 x 12.0 x 2.2 in. (WxDxH)
(19.1 x 30.5 x 5.6 cm)
- 5.0 lbs (3.0 Kg)

Mounting Options

- Desktop
- Wall
- 19-inch rack mount

Approvals

- UL 1950
- CE Marked

