



FieldServer FS-B4010-01



A 10-serial, 2-Ethernet port, protocol translator gateway enables data transfer between serial and Ethernet protocols. An ISA slot allows additional driver cards. 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

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-B4010 Series includes eight RS-232 ports, two RS-485 ports, two Ethernet (10BaseT) ports to interface to the devices. In addition there is an ISA card slot for special driver adapter cards such as LONWORKS®, DH+, Profibus, ControlNet, etc. 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
- **ISA Card slot for additional adapters**
 - DH+, ControlNet, Profibus, LONWORKS®, Modbus Plus, Arcnet
- **Drivers**
 - Drivers available for a wide range of Ethernet and serial protocols – check driver information sheet

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

- Hot standby option
- Configuration utility
- Diagnostic utility
- System integration services available

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

