



## FieldServer DH+ Gateway FS-B4013-01

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

### Serial – Ethernet – DH+

The FieldServer is a protocol translator/gateway which enables devices using one protocol to communicate with devices using another protocol. An example is a PLC using one protocol needing to supply alarm information to a DCS using Data Highway Plus. In a single, comprehensive package the FieldServer provides the hardware and software necessary for this translation. The FS-B4013 includes eight RS-232 ports, two RS-485 ports, two Ethernet (10BaseT) ports, and one DH+ 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
- **DH+ Port**
  - DH+ cable
  - 115.2K 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/Diagnostics Utilities
- Custom Configuration option
- Approximately 1000 points standard, upgradeable to 10,000 points (protocol dependent)

#### 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

