



FieldServer EtherNet/IP Gateway FS-B30 Series

The FieldServer EtherNet/IP FS-B30 Series gateway links multiple legacy devices and systems using other protocols to EtherNet/IP networks. Utilizing the extensive FieldServer driver library, the user can easily interface data from a wide range of devices using open, proprietary and legacy protocols to their EtherNet/IP network.

EtherNet/IP Serial – Ethernet

The FS-B30 Series EtherNet/IP gateway includes four serial ports (RS-232 or RS-485), two Ethernet port and optionally, one LonWorks port. The configuration software provided with the FieldServer EtherNet/IP gateway enables the user to easily configure both the server and client sides of the gateway to meet specific monitoring and operational needs. Custom configuration services are available from FieldServer. The FieldServer EtherNet/IP gateway is also available for various fieldbuses or multiple port applications.

Specifications

Field Connections

- **Ethernet Ports - 2**
 - ◆ 10/100BaseT RJ45 connector
- **Serial Ports – 4**
 - ◆ 2 - RS-232 with RJ45 or DB9 connector
 - ◆ 2 - RS-485 terminal connectors
 - ◆ Up to 115K baud
- **LonWorks – 1**
 - ◆ FTT-10 twisted pair
 - ◆ 1000 Network variable capability
- **Drivers**
 - ◆ EtherNet/IP driver plus a variety of other drivers available for a wide range of Ethernet and serial protocols

LED Indicators

- Power, Run, System Error, Configuration Error, Node Offline
- Ethernet connection – Link OK, Tx/Rx communication activity
- RS-232/RS-485 – Tx/Rx communication activity

Options

- Custom Configuration Services

Environment

- Operating temperature: 0-65°C (32-149°F)
- Relative humidity: 10-90% RH non-condensing

Power Requirements

- 24 VAC, 12-48 VDC @ 12W

Other

- Configuration/Diagnostic utilities
- 1000 point capability

Physical Dimensions (WxDxH)

- 6.3 x 5.4 x 2.0 in. (16.0 x 13.7 x 5.0 cm)
- 2.5 lbs (1.5 Kg)

Mounting Options

- Desktop, Wall, Panel *Optional: DIN rail*

Approvals

- UL/ULC 916 pending
- FCC - Tested to comply with FCC part 15
- CE Marked
- ODVA EtherNet/IP Conformance Tested

