



FieldServer EtherNet/IP Gateway FS-B20 Series

The FieldServer EtherNet/IP FS-B20 Series gateway links 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-B20 Series EtherNet/IP gateway includes one serial port (RS-232 or RS-485), one 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 Port**
 - 10BaseT RJ45 connector
- **Serial Port**
 - RS-232/RS-485 selectable
 - Up to 115K baud
 - RJ45 connector (RS-232)
 - Terminal connector (RS-485)
- **Drivers**
 - EtherNet/IP plus drivers are available for a wide range of Ethernet and serial protocols
 - check driver information sheet

LED Indicators

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

Options

- Custom Configuration Services

Other

- OPC server available
- Configuration utility
- Diagnostic utility
- System integration services available

Power Requirements

- 24 VAC Floating
- 9-30 VDC @ 5W

Environment

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

Physical Dimensions

- 3.9 x 3.9 x 2 in. (WxDxH) (100 x 100 x 50 mm)
- 0.4 lbs (0.8 Kg)

Mounting Options

- Desktop
- Wall
- DIN Rail

Approvals

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

