

FieldServer FS-B-OPC-01



This protocol translator/gateway provides an OPC connectivity solution in one easy-to-use package. As a stand-alone OPC Server the FS-B-OPC, combined with the extensive library of FieldServer drivers provides easy interoperability with devices and OPC networks used in building automation, HVAC, fire and process control industries.

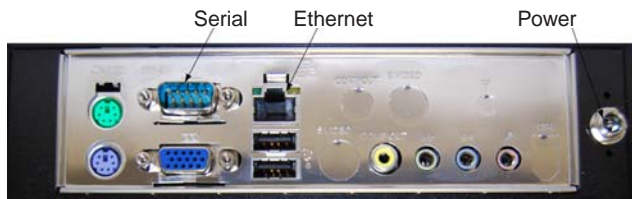
Serial – Ethernet – OPC

The FS-B-OPC is designed to meet the needs of system integrators in development of a complete interoperable system. This FieldServer includes serial and Ethernet connections. The method of data transfer is called Data Array Access (DAA). Data Arrays are the internal data storage areas that reside within the FieldServer and are type specific. The source of the information on the Data Arrays can be any of the standard FieldServer Drivers for Fire Panels, Building Automation or Process Control. The user has the ability to configure the ports and the Map Descriptors on the FieldServer. The Map Descriptors are FieldServer objects containing polling instructions for a driver to copy data from the low level devices into a Data Array. One of the many advantages for this architecture is that it allows many disparate proprietary devices, PLC/DCS's etc. to share common data in a reliable device (FieldServer) while providing access to the SCADA/PC application level via the OPC Server.

Specifications

Field Connections

- One RS-232 serial port
- Two USB 2.0 ports (rear)
- One RJ45 Ethernet port, 10/100



Power Adapter

- Input: 100-240 VAC
- Output: 12V, 5A 60W Max

Software

- Microsoft Windows XP Professional
- FieldServer MB8PC Software
- Drivers from the FieldServer driver library
- FST OPC Server - Data Access Server Ver. 2
- Configuration/Diagnostic utilities
- Base system has 1000 point capability (upgradeable to 10,000 points)

Processor

- Intel Celeron 215, SIS662 chipset
- 512 MB DDRs SDRAM, 533MHz

Physical Dimensions (WxDxH)

- 7.9 x 9.6 x 2.1 in. (20.1 x 24.1 x 5.3 cm)
- 2.7 lbs (1.2 Kg)

Environmental

- Operating temperature: 0-40°C (32-104°F)
- Relative humidity: 10-80% RH non-condensing

Options

- Memory upgrade for additional data points
- Custom Configuration Services

