

SlotServer ControlLogix – BACnet Communications Interface Module

Part #: FS-RA-CLX-BAS-016 BACnet PTP
 Part #: FS-RA-CLX-BAS-073 BACnet MS/TP
 Part #: FS-RA-CLX-BAS-402 BACnet Ethernet
 Part #: FS-RA-CLX-BAS-406 BACnet IP
 Module Version: 1.00



Product Description

The SlotServer ControlLogix BACnet Communications Interface allows an Allen Bradley ControlLogix platform to pass data between a ControlLogix CPU and BACnet devices and networks. The BACnet SlotServer can be configured as a BACnet Slave or Master enabling exchange of information between BACnet Master devices such as Trane BCU, Alerton Controllers, etc) or BACnet Slave devices such as VSD, lighting controls, AC controls, etc.

Physically configured to plug into a standard ControlLogix rack, the SlotServer Module is configured for the 1756 platform using standard RSLogix message block reads to allow for efficient transfer of large blocks of data. Specific configuration data is contained in the Configuration CSV file downloaded to the module.

SlotServer is a flexible communications module that can be configured to communicate to a wide range of protocols found in the extensive FieldServer Technologies library of protocols. The SlotServer is recognized as an input/output module by ControlLogix and has access to processor memory for data transfer between processor and module.

BACnet

FieldServer Technologies has been a leader in BACnet Gateways for many years, successfully used by all major building automation system manufacturers and integrators.

BACnet is available in RS-232 (BACnet PTP – requires an RS-232/RS-485 converter), RS-485 (BACnet MS/TP) or Ethernet (BACnet Ethernet or BACnet IP). The SlotServer can accept any of these types.

SlotServers are also available for other building automation control protocols and most common fire alarm control panel protocols. For information about the specific protocol, please refer to the datasheet for that specific protocol.

Contact FieldServer Technologies to learn more about the SlotServer and the specific protocols available to meet your specific needs.



Technical Specifications

Slot width	Single
BackPlane Current Load	600 mA @ 5V
Operating Temperature	0° to 60° C (32° to 140° F)
Storage Temperature	-40° to 85° C (-40° to 185° F)
Humidity	5 – 95% (non-condensing)
Allen Bradley Platform:	ControlLogix 1756 Rack
Connections	TP/FT-10 (LonWorks) RS-485 (2-wire) Ethernet (10/100BaseT)
LED Indicators	Module Status Backplane Transfer Status Communications status Configuration Error System Error Serial Activity Ethernet Activity 10/100BaseT indicator
Display	Scrolling display of card messages
Service Pin	For LonWorks commissioning
Mounting	Local or remote rack
Approval	UL60950
Configuration	Configuration data is contained in the configuration CSV file downloaded to the module. Sample configuration file is included. Configuration file development service available from FieldServer Technologies or approved system integrators

