

SlotServer ControlLogix – Fire Alarm Control Panel Communications Interface Module

Part #: FS-RA-CLX-FIR-xxx
Module Version: 1.00

Product Description

The SlotServer ControlLogix FIR Communications Interface allows an Allen Bradley ControlLogix platform to pass data between a ControlLogix CPU and a variety of Fire Alarm Control Panel (FACP) protocol communications networks.

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 provides serial and Ethernet ports to enable ControlLogix interface to any of the FACP protocols available in the FieldServer driver library including Simplex, Notifier, EST (GE) and more,

Fire Alarm Control Panel Protocols

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. Fire Alarm Control Panel protocols are normally one-way protocols due to NFPA requirements. FieldServer is the primary gateway of choice by all major fire alarm control panel manufacturers when they need to interface to building automation and process control networks.

Some examples of the protocols available to use with SlotServer include

- ◆ Notifier (3030, 640, 1010, 2020, 300, 400, 600)
- ◆ Simplex 4100
- ◆ EST3 (GE)
- ◆ Honeywell
- ◆ Fike
- ◆ FCI 7100, 7200
- ◆ Siemens XLS, MXL
- ◆ Spectronics
- ◆ and many more.

For information about the specific protocol, please refer to the datasheet for that specific protocol. Note that some FACP protocols will require a RS-232/RS-485 adapter.



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

