

PRSS Satellite Controller



- Remote control of gates, bollards
- High reliability
- Independent programming
- Front panel digital display
- Networkable
- Transient protection included
- Non-volatile program storage

Introduction

Priax developed the Satellite Controller work in conjunction with the Port Runner Suppression System (PRSS), for those applications when an independent security subsystem is required that must interface with the PRSS facility-wide network. The Satellite Controller functions as a programmable logic controller (PLC) with special system interfaces, inputs, and outputs designed to match the specific requirements of the many different types of gate operators, turnstiles, wedge barriers, and retractable bollards available today in the perimeter security industry. Field devices can be grouped and controlled by one Satellite Controller that will provide the local programmed responses and communicate with the PRSS network controller located elsewhere in the facility.

Each PRSS Satellite Controller is a standalone device that can operate independently with no instruction from the network. In case of network failure, the Satellite Controller will continue to operate unaffected, carrying out the preprogrammed instruction set. In case of a power failure with no battery backup, the Satellite Controller is designed to reactivate and continue normal operations when power is restored. Battery backup can also be provided.

Contact us for specific design information for your project.

Specifications

| | |
|----------------------|---------------------------------------|
| Digital Inputs, AC: | 4 |
| Digital Inputs, DC: | 16 |
| Digital Outputs | 12 |
| Relay Outputs: | 8 |
| Communications: | RS-232/485, and TCP/IP |
| Remote Access: | GPRS, GSM, CDMA or cable |
| Cell Messaging: | SMS (optionally available) |
| Front Panel Display: | 2.4" display, 128 by 64 pixels |
| Power: | |
| Voltage: | 120 VAC or 24 VDC |
| Current: | 1/2 Amp (60 watts, approx.) |
| Temperature Range: | 32°F to 122°F (0c TO 50C) (operating) |
| Physical: | |
| Height: | 12 inches |
| Width: | 12 inches |
| Depth: | 4 inches |
| Front Panel: | Hinged door (lock optional) |
| Enclosure Type: | NEMA 1 (NEMA 4X optional) |

Input and Output Quantity subject to change for particular applications.

Specifications subject to change without notice.