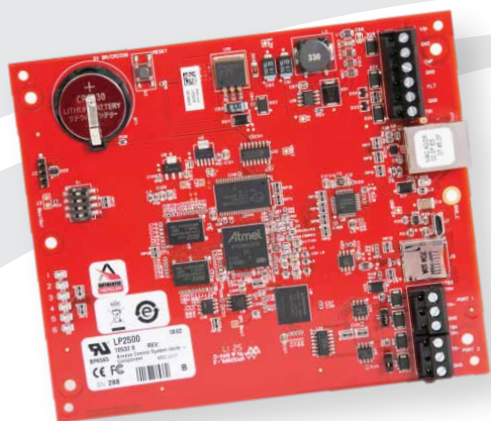


Advanced Enterprise Controller



Overview

The Open Options SSP-EP is a powerful access control panel designed with the enterprise system in mind. The SSP-EP is a native IP-ready intelligent controller capable of managing up to 64 doors using Open Options RS-485 or IP reader modules. With 15 MB available memory, the SSP-EP can store over 600,000 card holders and 50,000 transactions.

The integrated 10/100 Ethernet port not only means faster more efficient connections to the host, but also less equipment and connections to manage compared to earlier generation panels. The SSP-EP also supports communication speeds up to 10 times faster than traditional serial connections.

Connecting over IP is simplified using DHCP for auto-assigning IP addresses and device name recognition for easy management with a DNS server.

The feature-rich SSP-EP offers an advanced solution for any access control application. The SSP-EP is ideal for the extended enterprise site as well as smaller sites that need room to grow.

SSP-EP



Features

- Native on-board 10/100 Ethernet for up to 10x faster throughput than traditional serial connections
- Supports up to 64 access control doors
- Built-in support for IR Schlage PIM400-485 for communicating with wireless access devices
- PIV-II, CAC, TWIC card compatible
- DHCP and static IP addressing support
- Standard 15 MB available non-volatile flash memory stores over 600,000 cardholders
- Background firmware downloads with system configuration restored from flash memory for seamless updates
- Storage and backup for 50,000 events in buffer
- 12 or 24 VDC input voltage
- Biometric template management
- AES 128-bit encryption option for host communications (NIST Certified)
- Support for multiple card formats
- Diagnostic LEDs
- Dedicated tamper and power failure inputs
- Improved Area and Anti-passback support
- Precision Access
- Elevator Control up to 128 floors
- If/Then Macro functionality

SSP-EP Controller

Specification

Primary Power The SSP-EP is for use in low voltage, power-limited, class 2 circuits only.
DC input: 12 or 24 VDC \pm 10%. 250 mA maximum

Memory and Clock Backup 3 V Lithium, type BR2330 or CR2330

Communication

Primary (Ethernet) Port: 10-BaseT/100Base-TX and Micro USB port (2.0) with optional adapter: pluggable model USB2-OTGE100

Alternate Upstream Port 1: RS-232 9600 to 115.2 Kbps async, optional Ethernet card (serial server)
Downstream Ports 2-3: RS-485 (2-wire) 9600 to 38.4 Kbps async

Inputs

Tamper and Power Monitors: Unsupervised, dedicated

Environmental

Temperature: Operating: 0° to 70° C (32° to 158° F)
Storage: -55° to 85° C (-67° to 185° F)

Humidity: 0 to 95% RHNC

Mechanical

Dimensions: 5 x 6 x 1 in. (127 x 152 x 25 mm)
Weight: 4 oz. (115 g) nominal

Listings/Approvals

UL294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS, NIST
Certified Encryption
Advanced Encryption Standard (AES) 128-bit communication algorithm

Application

