



SSP-EP

Open Options Enterprise Panel

The Next Generation Enterprise Access Controller



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

Overview

The Open Options SSP-EP is the next generation 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 reader modules. With 15 MB memory available, the SSP-EP can store over 600,000 card holders.

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 Open Options 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 Controller

Specification

Primary Power DC input:	The SSP-EP is for use in low voltage, power-limited, class 2 circuits only. 12 or 24 VDC \pm 10%. 300 mA maximum
Memory and Clock Backup	3 V Lithium, type BR2325, BR2330, CR2330
Communication Primary (Ethernet) Port: Alternate Upstream Port 1: Downstream Ports 2-3:	10/100Base-T Ethernet high-speed port RS-232 9600 to 115.2 Kbps async, optional Ethernet card (serial server) RS-485 (2-wire) 9600 to 38.4 Kbps async
Inputs Tamper and Power Monitors:	Unsupervised, dedicated
Environmental Temperature: Humidity:	Operating: 0° to 70° C (32° to 158° F) Storage: -55° to 85° C (-67° to 185° F) 0 to 95% RHNC
Mechanical Dimensions: Weight:	5 x 6 x 1 in. (127 x 152 x 25 mm) 4 oz. (115 g) nominal
Listings/Approvals	UL Recognized Component ROHS-compliant Advanced Encryption Standard (AES) 128-bit communication algorithm

Application

