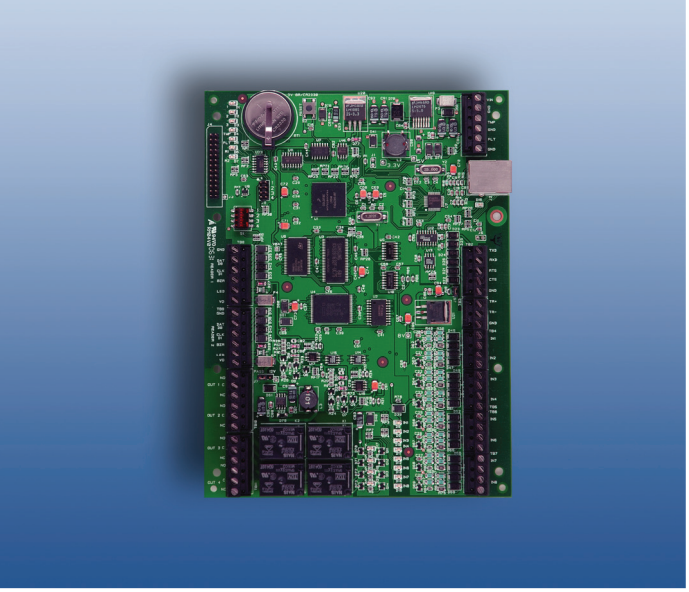


SSP-D2

Open Options
Intelligent Two Door Controller

Power for the Enterprise

RoHS COMPLIANT

SSP-D2 Features

- Native on-board 10/100 Ethernet for up to 10x faster throughput than traditional serial connections
- DHCP and static IP addressing support
- Built-in control for 2 access control doors (2 reader ports, 4 Form-C relay outputs, 8 supervised inputs)
- Standard 6 MB available non-volatile flash memory stores up to 250,000 cardholders*
- Background firmware downloads with system configuration restored from flash memory for seamless updates.
- Storage and backup for 50,000 events
- 12 or 24 VDC input voltage
- Biometric template management
- AES 128-bit encryption option for host communications
- On-board readers support mag, Wiegand, and OSDP 485 readers and keypads
- Support for multiple card formats
- Diagnostic LEDs
- Dedicated inputs for tamper and power failure alarms
- Improved Area management and Anti-passback support
- Precision Access
- Elevator Control up to 128 floors
- If/Then Macro functionality

* Based on estimated values and memory allocation options.

Overview

The Open Options **SSP-D2** is a native IP-ready intelligent controller with a built-in reader interface module allowing control of two doors right off the board and a total of 64 using additional reader and/or IO modules.

The **SSP-D2** connects directly to the LAN and supports the new Open Supervised Device Protocol (OSDP) for bidirectional communication to RS-485 and biometric devices.

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

When used in conjunction with DNA Fusion™, the Open Options **SSP-D2** is the perfect solution that is scalable for any access control application.

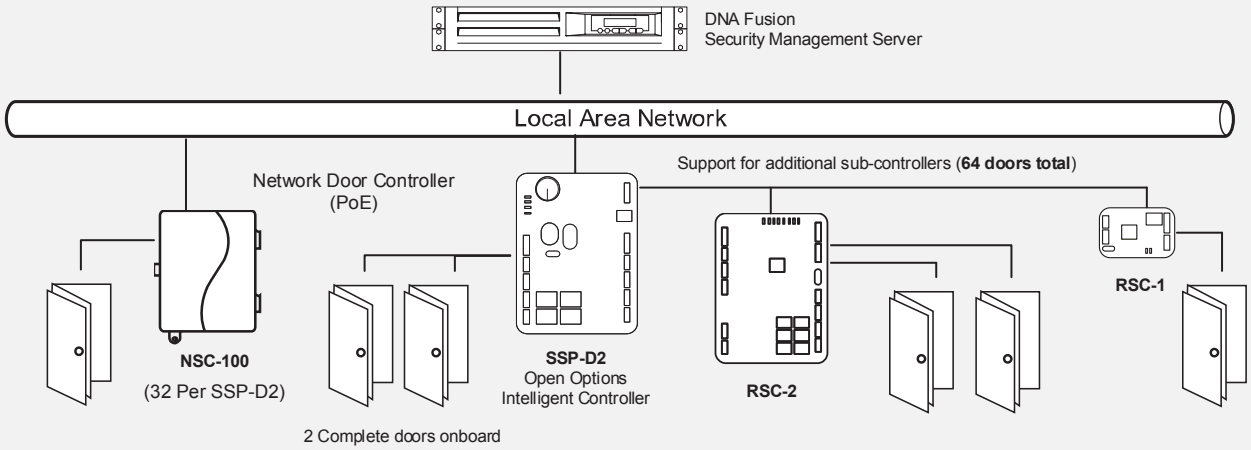
OPEN OPTIONS®
ACCESS TECHNOLOGY

SSP-D2 Controller

Specification

Primary Power	The SSP-D2 is for use in low voltage, power-limited, class 2 circuits only.
DC input:	12 or 24 VDC ± 10%. 500 mA maximum (reader current not included) 12Vdc @ 250mA (plus reader current) nominal 24Vdc @ 150mA (plus reader current) nominal
Memory and Clock Backup	3 V Lithium, type BR2325, BR2330, CR2330
Communication	
Primary (Ethernet) Port:	10/100Base-T Ethernet high-speed port
Alternate Upstream Port 1:	RS-232 9600 to 115.2 Kbps async
Downstream Port 2:	RS-485 (2-wire) 9600 to 38.4 Kbps async
Inputs	
Tamper and Power Monitors:	Unsupervised, dedicated
Door status, REX, and AUX:	8 programmable inputs (normally open/closed/supervised/non-supervised)
Outputs	
Relay outputs:	4 Form-C 5 A at 30 VDC relay outputs (user-defined as strike or AUX)
Reader Ports	
DC output:	12VDC±10% regulated, current limited to 150mA for each reader OR 12 to 24VDC±10% (pass through) current limited to 150mA per reader
Reader Compatibility	Wiegand Data1/Data0, Magnetic Clock/Data, OSDP Compatible Devices (Open Supervised Device Protocol RS-485)
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:	6 x 8 x 1 in. (152 x 203 x 25 mm)
Weight:	9 oz. (255 g) nominal
Listings/Approvals	UL Recognized Component ROHS-compliant Advanced Encryption Standard (AES) 128-bit communication algorithm

Application



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