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.
SSP-D2 Controller

Specification

**Primary Power**
- 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

DNA Fusion
Security Management Server

Local Area Network

Network Door Controller (PoE)

Support for additional sub-controllers (64 doors total)

2 Complete doors onboard

NSC-100 (32 Per SSP-D2)

SSP-D2 Open Options Intelligent Controller

RSC-2

RSC-1

tel: 972.818.7001
fax: 972.818.7003
www.ooaccess.com