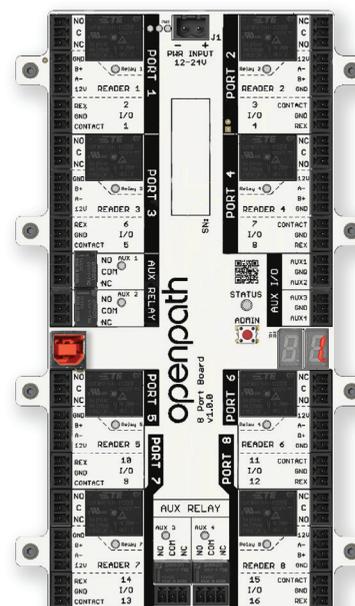


Openpath 8-Port Board

Expansion Board

The Openpath 8-Port Expansion Board is an access control board (no enclosure, no power supply) that connects to the Access Control Core (OP-ACC) and supports up to eight entries and eight Openpath Smart Readers. The 8-Port Board works with the Access Control Core to securely make all entry decisions. It includes primary ports for Relays, Openpath Smart Readers, Request to Exit (REX) Sensors, and Contact Sensors. For additional flexibility, four auxiliary relays are provided for additional outputs or control of low power devices and four auxiliary inputs are provided for Wiegand devices or additional sensors. The 8-Port Board uses RS-485 wiring to connect to the Smart Readers and connects by USB to the Access Control Core. The 8-Port Board should be installed inside an enclosure and may be powered using a 12V or 24V supply.



Features

- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 8 Relays, 8 Openpath Readers, 8 REX Sensors, and 8 Contact Sensors
- 4 auxiliary relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Includes removable contact terminal blocks for convenient wiring
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

Specifications

- Must be used with the Openpath Access Control Core (OP-ACC)
- Operating Voltage: 12-24VDC
- Operating Current: 0.6A @ 12VDC, 0.3A @ 24VDC
- Door Relays: 8 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 4 relays, 1A @ 24VDC
- Openpath Readers: Up to 8 Openpath Readers
- REX and Contact Sensors: 8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Dimensions: 4.5 x 8.75 in (11.5 x 22.5 cm)
- Weight: 8 oz (227 g)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Interface Ports: USB port, Expansion port
- Backup Battery: Use one or two 12VDC sealed lead acid (SLA) or gel cell batteries based on power supply and system requirements
- Compliance: CE, FCC, IC, UL 294, RCM, UKCA

OP-EX-8E
8-Port Expansion Board

