

## Openpath 4 Door Controller

### Standalone Board

The Openpath 4 Door Controller Board is a standalone access control board (no enclosure, no power supply) that supports up to four entries and up to eight readers (four Openpath Smart Readers and four Wiegand readers). The Controller Board securely makes all entry decisions and includes ports for Relays, Openpath Smart Readers, Wiegand Readers, Request to Exit (REX) Sensors, and Contact Sensors.

The Controller Board uses RS-485 wiring to connect to the Smart Readers and has a USB port to connect to additional boards. The Controller Board should be installed inside an enclosure and powered using a 12V supply.



### Features

- Internet connectivity to the Openpath access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Includes port interfaces for 4 Relays, 4 Openpath Readers, 4 Wiegand Readers, 4 REX Sensors, and 4 Contact Sensors
- Includes removable contact terminal blocks for convenient wiring
- Lifetime warranty

### Compliance

UL 294	Attack:	Level I
	Endurance:	Level I
	Line Security:	Level I
	Standby:	Level I
CAN/ULC 60831-11-1-16 Grade 1		
FCC Part 15 Class B Compliant		
CAN ICES-3 (A)/NMB-3(A)		

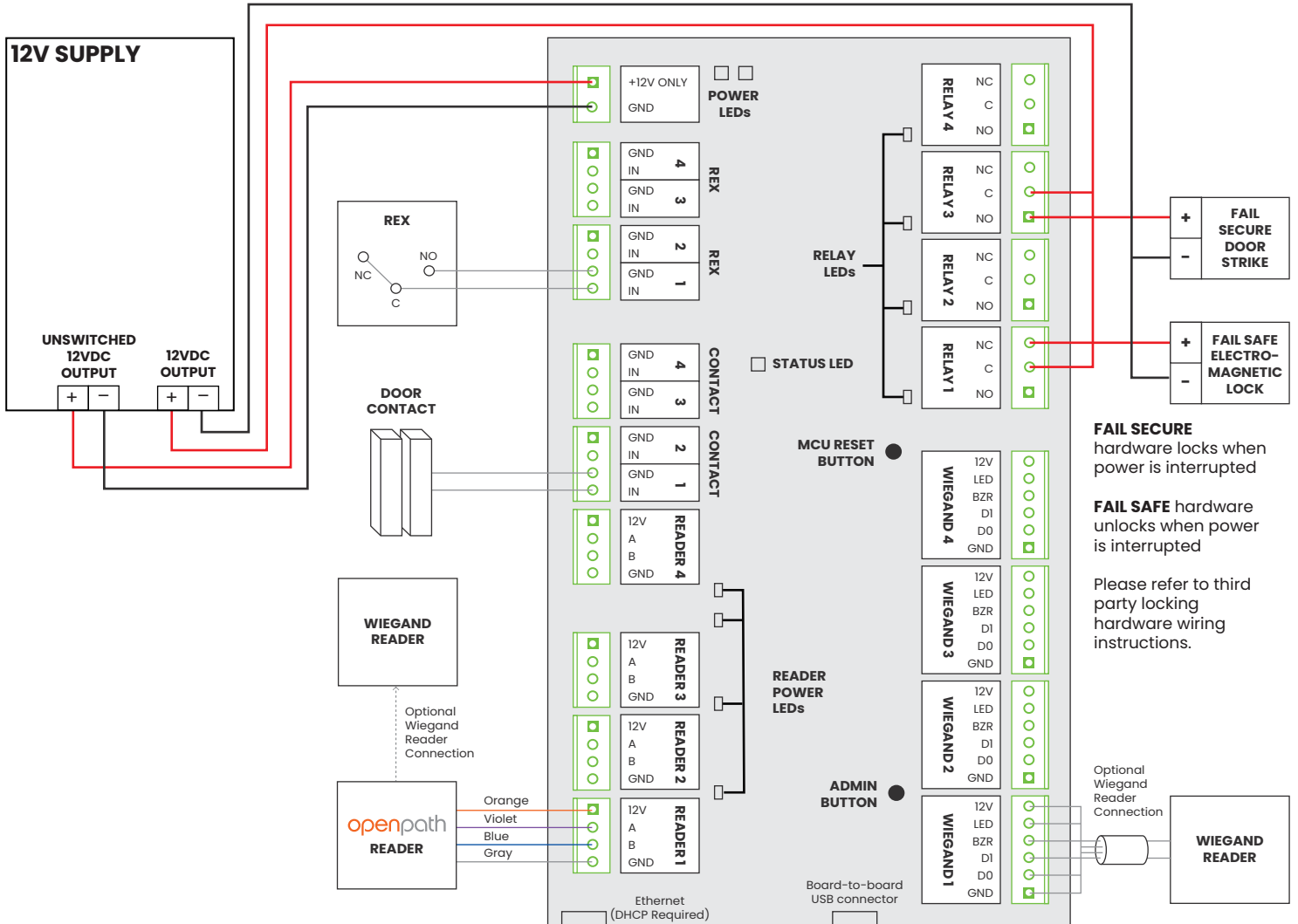
### Specifications

- Operating Voltage: 10-14VDC
- Operating Current: 2000 mA MAX (with 4 Openpath Readers), 1000 mA (with no Openpath Readers)
- Relays: 4 relays, 24VDC, 5 Amp (resistive)
- Openpath Readers: Up to 4 Openpath Readers
- Wiegand Readers: Up to 4 Wiegand Readers
- REX Sensors: 4 REX Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
- Contact Sensors: 4 Contact Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
- Dimensions: 10 x 22 cm (4 x 8.6 in)
- Weight: 212 g (7.5 oz)
- Operating Temperature: 0° to 50°C (32° to 122°F)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, USB port
- Backup Battery: Use a 12VDC sealed lead acid (SLA) or gel cell battery
- Compliance: FCC, UL 294, CE



If using a power supply with a single DC output, you can power the ACU board and 12V locking hardware from the same output.

If any locking hardware requires 24V, use a separate 24V supply.



**FAIL SECURE** hardware locks when power is interrupted

**FAIL SAFE** hardware unlocks when power is interrupted

Please refer to third party locking hardware wiring instructions.