AVIGILON
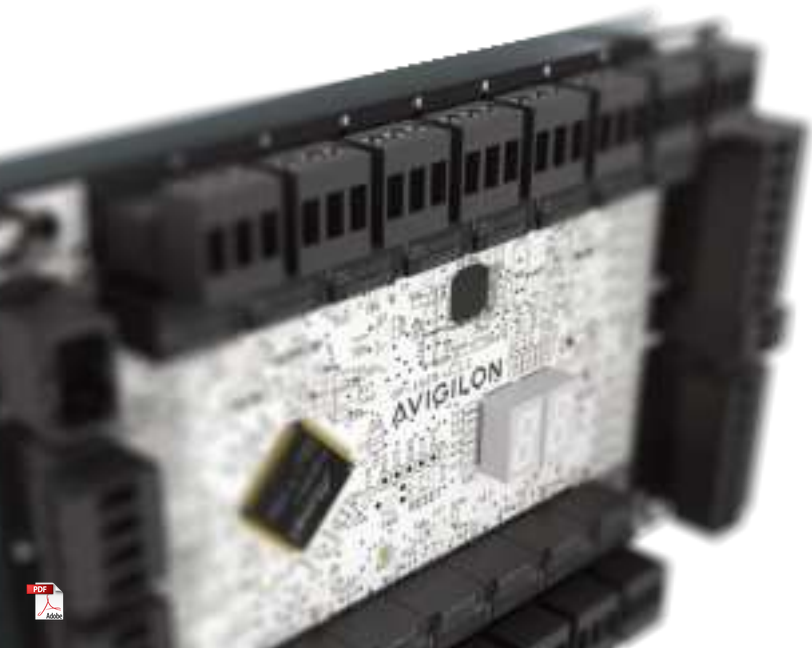
Elevator Board Quick Start Guide

OP-16EM

What's Included

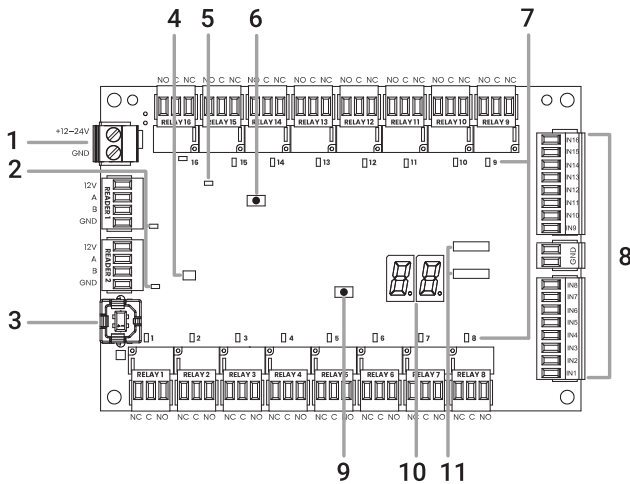| Elevator Board	Mounting standoffs	Screws and washers

Power cable	USB cable

Board Status LED

🟢	Solid green	Connected and communicating with the Avigilon Access Control Core board.
🔴	Solid red	Connection error. Try the following: • Power cycle the Elevator Board. • Unplug and replug the USB cable. • Restart the device in the Avigilon Alta Control Center.

Overview

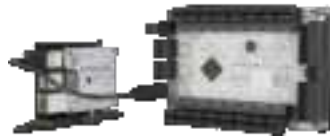| #		#	
1	Power input	7	Relay LEDs 1 - 16
2	Reader Power LEDs	8	Inputs 1 - 16
3	USB port	9	RESET button
4	Board Status LED	10	Board ID LED
5	Board Power LED	11	OVERRIDE SWITCH terminals (future use)
6	ADMIN button		

1 - Installing

1. Screw the included standoffs into the holes labeled '1' on the back of the Elevator Board mounting plate.

2. Fasten the board to an enclosure by inserting the included mounting screws and washers into the back of the enclosure, and then screwing them into the standoffs.

3. Connect the Elevator Board to the Access Control Core using the included USB cable.

4. Connect the Elevator Board to the power supply using the included power cable.
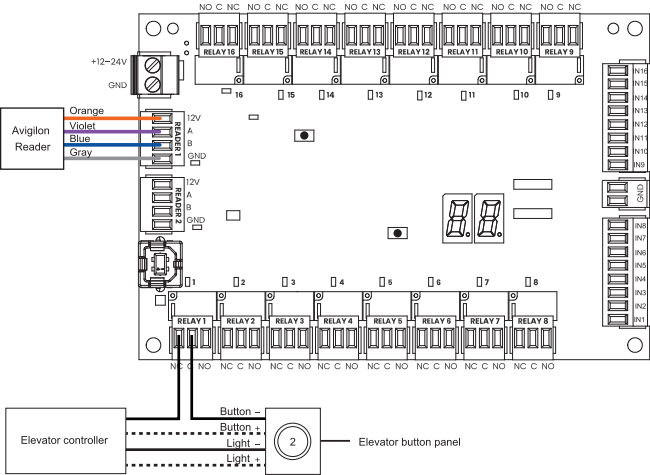

🔴 **Warning:** Do not apply power during wiring. Ensure the power supply is unplugged until all wiring is complete.

5. Apply power to the power supply.

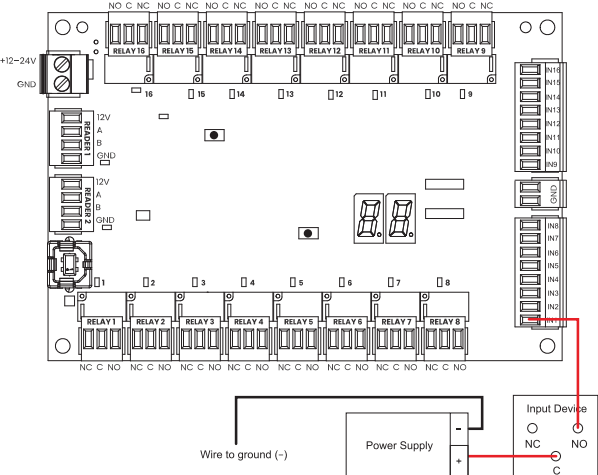Example: North American power cord and outlet

2 - Connecting Readers and Elevator Buttons

1. For each elevator floor, connect one of the signal wires from an elevator button to one of the relay ports.

2. Wire the relays to an elevator controller with the corresponding NO or NC contact.

📘 **Note:** The total output rating is 60VDC maximum, 1A @ 24VDC (resistive), 0.5A @ 125VAC (resistive).

3 - Connecting Inputs

General purpose inputs require a voltage between 3V and 24V.

4 - Provisioning

Sign in to Alta Control Center, and follow the steps to add and configure the Elevator Board.

control.openpath.com/login
control.eu.openpath.com/login

Certifications

CE, IC, FCC, MET, RCM, UL294, WEEE

For More Information

Scan the following QR codes:

OP-16EM

Video Library

QuickStartGuide-OP-16EM-Rev3