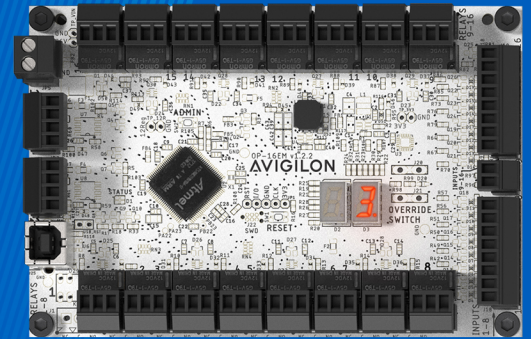# ΛVIGILON™

16 I/O Elevator Board

Expandable access control for the modern workplace

The Avigilon 16 I/O Elevator Board extends access control capabilities to standard elevators, enabling security operations to secure and control access to specific floors. Each Elevator Board can support up to 16 floors and two Avigilon Smart Readers, making it easy to bring robust security and frictionless access to elevators.

Simplified install
Easy to install, using industry standard RS-485 signaling to communicate with Smart Readers over standard wiring, and USB to connect to the Access Control Core. The Expansion Board features removable contact terminal blocks for easier wiring.

Multiple elevator support
Easily supports up to 16 floors, which can be split between multiple elevators, with port interfaces for 2 Avigilon Smart Readers, 16 relays, and 16 general-purpose inputs.

On-board indicators
Elevator Boards feature multiple LEDs to provide easy visibility of connectivity and configuration status.

Easy management and monitoring
Cloud management provides secure, remote access and eliminates the need to set up or maintain local servers. Get real-time visibility and insights to elevator access events from anywhere.

Scalable design
Each Access Control Core can support up to two Elevator Boards to support additional floors and elevators.

Lifetime limited warranty
Ensure peace of mind, knowing that Avigilon stands behind its access control hardware with a lifetime limited warranty, guaranteeing the quality of your security solution.

MOTOROLA SOLUTIONS

Specifications

CAPACITY	
Elevator Floors	Up to 16 floors

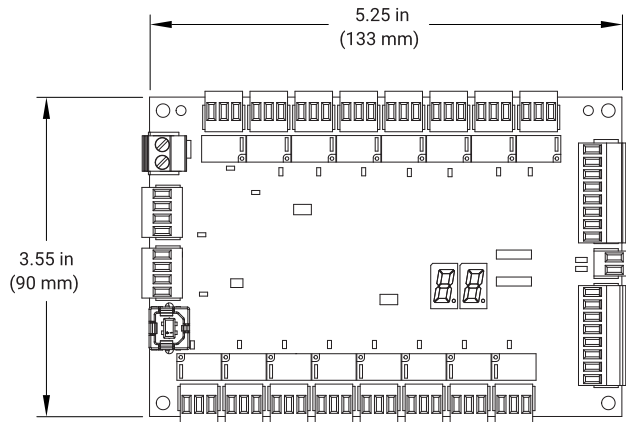| INTERFACES	
Reader Ports	2 RS-485 ports for 2 Avigilon Smart Readers
Relay Ports	16 dry relay ports (1A/24VDC or 0.5A/125VDC Contact)
Input Ports	16 input ports (Nominal 3V-24VDC)
USB Ports	1 USB port to communicate with the Access Control Core

GENERAL	
LED Indicators	Board power on or off, board ID number, connection status to Access Control Core
Power Exclude operating current for attached readers	325mA @ 12VDC 190mA @ 24VDC

DIMENSIONS	
Device Only	
Weight	0.875 lbs (397 g)

ENVIRONMENTAL	
Temperature	Operating Temperature: 0°C (32°F) to 50°C (122°F)
Humidity	Operating Humidity: 5% to 85% relative, non-condensing

REGULATORY	
Certifications	FCC (United States), IC (Canada), CE (Europe), UL 294

WARRANTY	
Avigilon Alta Access Warranty	Lifetime limited; for more information, visit avigilon.com/support/warranty

Ordering Information

PART NUMBER	DESCRIPTION
OP-16EM	Avigilon16 I/O Elevator Board

Support

For product support, visit: avigilon.com or sales@avigilon.com

For more information, visit:

avigilon.com/access-control/elevator-board

MOTOROLA *SOLUTIONS*

AVIGILON