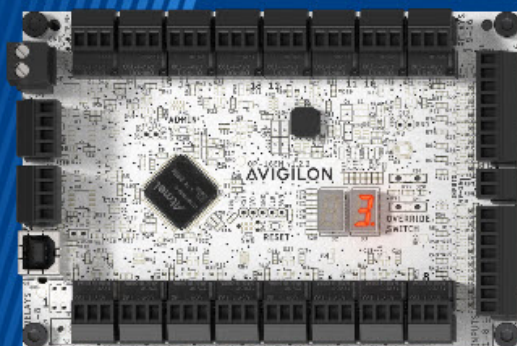


[Datasheet](#)[OP-16EM](#)[Alta Access](#)

Avigilon 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 AvigilonSmart 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

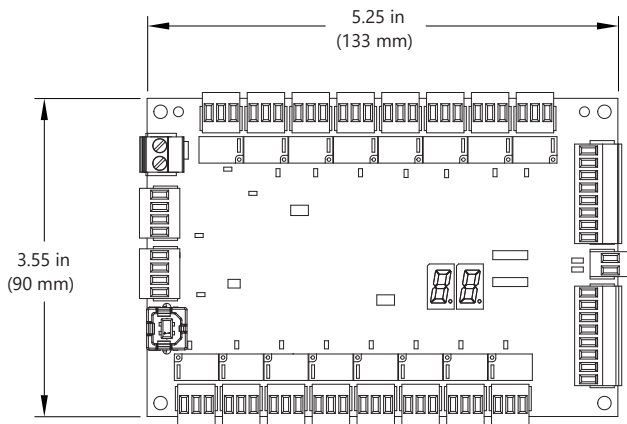
Each Access Control Core can support up to two Elevator Boards to support additional floors and elevators.



Lifetime limited warranty

Avigilon's access control hardware is backed by a limited lifetime warranty, helping ensure lasting quality.

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	325mA @ 12VDC
Excludes operating current for attached readers	190mA @ 24VDC
DIMENSIONS	
Device Only	 Technical drawing of the device showing dimensions: 5.25 in (133 mm) width and 3.55 in (90 mm) height.
Weight	0.875 lb (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](https://www.avigilon.com) or sales@avigilon.com

To learn more, visit:
[avigilon.com/access-control/elevator-board](https://www.avigilon.com/access-control/elevator-board)



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