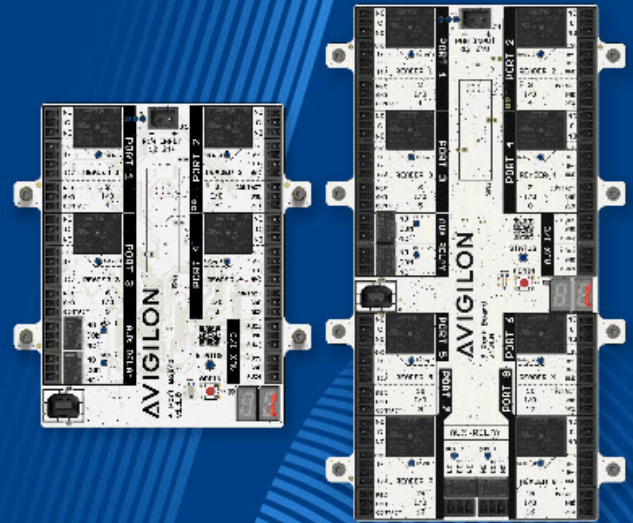


[Datasheet](#)[OP-EX-4E](#)[OP-EX-8E](#)[Alta Access](#)

Avigilon 4-Port and 8-Port Expansion Boards

Expandable access control for the modern workplace



The Avigilon 4-Port and 8-Port Expansion Boards connect to the Avigilon Access Control Core and support either four or eight entries and readers. The Expansion Boards work with the Access Control Core to securely make all entry decisions and include primary ports for Avigilon Smart Readers, relays, request-to-exit (REX) sensors, and contact sensors.



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.



Fast, plug-and-play setup

Pre-assigned input ports for contact sensors and REX devices streamline setup. Configurable auxiliary input/output pins provide extra connections for Wiegand devices or additional sensors.



Smart monitoring

EOL monitoring with single or double termination on all REX, contact and auxiliary inputs supported with user-installed 1K resistors.



Easily scalable

Extend your system to connect more entries and devices by adding expansion boards to the Access Control Core.



Powerful cloud management

Do more with less, securely and easily, by leveraging the cloud for remote system management, diagnostics, and communication.



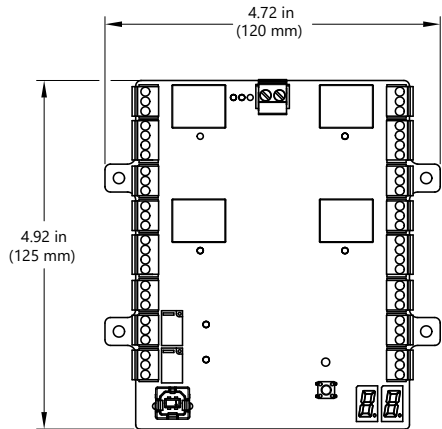
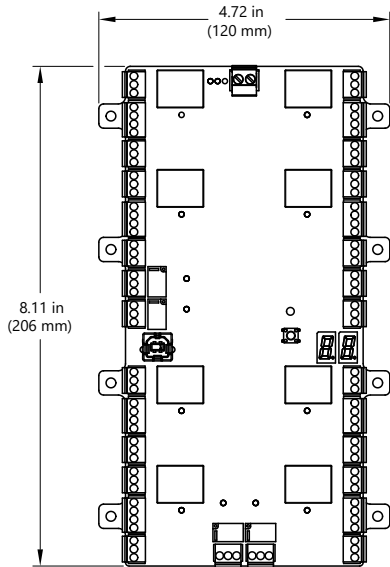
Lifetime limited warranty

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



MOTOROLA SOLUTIONS

Specifications

INTERFACES		OP-EX-4E	OP-EX-8E
Reader Ports		4 RS-485 for Avigilon Smart Readers	8 RS-485 for Avigilon Smart Readers
Relay Ports		4 dry relay	8 dry relay
REX and Contact Ports		4 REX and 4 contact	8 REX and 8 contact
Aux Relay Ports		2 dry relay	4 dry relay
Aux I/O Ports		4 input/output	
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		0.5A @ 12VDC	0.6A @ 12VDC
Excludes operating current for attached readers		0.3A @ 24VDC	0.3A @ 24VDC
Relay Ports		5A @ 24V (resistive)	
Aux Relay Ports		1A @ 24V (resistive)	
DIMENSIONS			
Device Only	 		
Weight		0.26 lb (122 g)	0.5 lb (227 g)



ENVIRONMENTAL	
Temperature	Operating Temperature: 0°C (32°F) to 50°C (122°F)
Humidity	Operating Humidity: 5% to 85% relative, non-condensing
Operating temperature must not be exceeded.	
REGULATORY	
Certifications	FCC (United States), IC (Canada), CE (Europe), UKCA (United Kingdom), UL 294, RCM (Australia, New Zealand)
Compliance	NDAA, TAA
WARRANTY	
Avigilon Alta Access Warranty	Lifetime limited; for more information, visit avigilon.com/support/warranty



Ordering information

PART NUMBER	DESCRIPTION
OP-EX-4E	Avigilon 4-Port Expansion Board
OP-EX-8E	Avigilon 8-Port Expansion Board

Support

For product support, visit: [avigilon.com](https://www.avigilon.com) or sales@avigilon.com

To learn more, visit:
[avigilon.com/access-control/4-port-board-op-4ex4](https://www.avigilon.com/access-control/4-port-board-op-4ex4) and
[avigilon.com/access-control/8-port-board-op-8ex8](https://www.avigilon.com/access-control/8-port-board-op-8ex8)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://www.motorolasolutions.com)

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