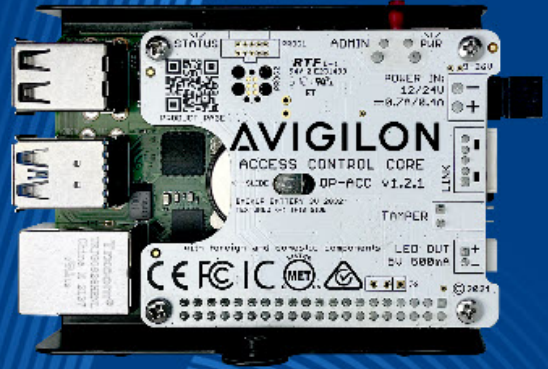


[Datasheet](#)[OP-CR-ACC](#)[Alta Access](#)

Avigilon Access Control Core

Expandable access control for the modern workplace



Alta access combines sleek hardware with an app, enabling employees to enter the building using their smartphone. This Avigilon Access Control Core works with expansion boards to securely make all entry decisions. Take advantage of Alta's touchless access control, fast and reliable Triple Unlock and seamless installation. The Access Control Core stores all cloud configuration locally in order to remain fully functional in the event of an Internet outage. It natively supports up to 16 entries by connecting up to two Avigilon expansion boards via USB, or up to 32 entries by connecting to Mercury MP or LP Series intelligent controllers. This offers maximum flexibility for your security needs, backed by a lifetime warranty for complete peace of mind.



100% remote cloud management

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



Premium hardware for best performance

The Access Control Core features a next generation hardware platform with faster processing speeds, more RAM, and better support for our 64-bit operating system and future capabilities.



Easy management with smart monitoring

Network and device monitoring systems built in to ensure a smooth experience for our users, with remote diagnostic and troubleshooting capabilities to resolve any issues with ease.



Lifetime limited warranty

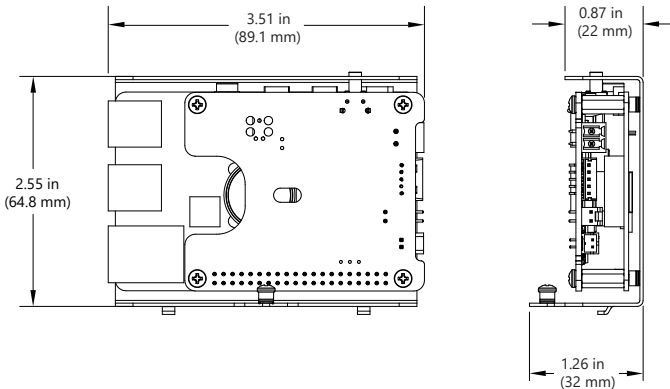
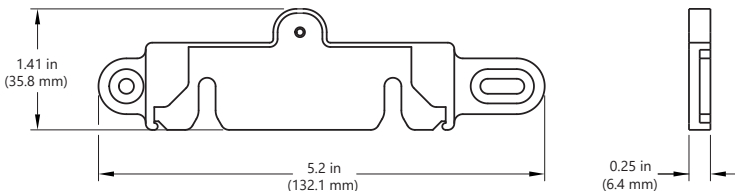
Avigilon's access control hardware is backed by a limited lifetime warranty, helping ensure lasting quality.



Simplified installation

Supports wireless configuration via the Alta Access mobile app using Bluetooth with interoperability to integrate with physical on-premise systems and logical software-based systems.

Specifications

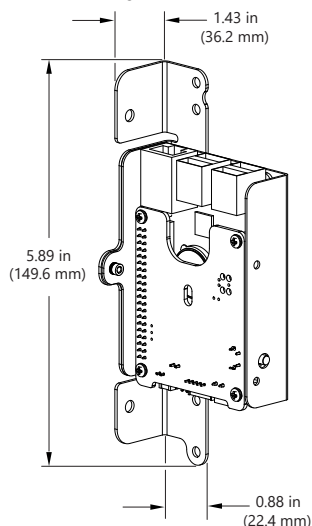
SYSTEM		
Access Control	Capacity	Expansion Board Connections
	Up to 8 entries	2 Avigilon 4-Port Expansion Boards
	Up to 12 entries	1 Avigilon 4-Port Expansion Board and 1 Avigilon 8-Port Expansion Board
	Up to 16 entries	2 Avigilon 8-Port Expansion Boards
	Up to 64 inputs	2 Avigilon 32-Input Expansion Boards
	Up to 8 entries Up to 32 entries	1 Mercury™ MP Series or LP Series Intelligent Controller - MP1501 or LP1501 1 Mercury MP Series or LP Series Intelligent Controller - MP1502, MP2500, LP1502, or LP2500
Communications	10/100/1000 baseT Ethernet port for connection to access control cloud service TLS 1.2+ encryption between Access Control Core and access control cloud service 2 USB 2.0 ports and 2 USB 3.0 ports for expansion board connections	
Backup Battery	CR2032 3V, replace every two years	
Tamper Input	Connects to tamper switch to detect opening of enclosure	
LED Output	Future use	
MECHANICAL		
Dimensions	Access Control Core (OP-CR-ACC):	
		
Dimensions	Mounting bracket (included):	
	Recommended in SYS-4ENT-DVE1, SYS-8ENT-DVE2, and SYS-ELEV-SVE1 Smart Hub models Required in SYS-8ENT-DVE4 and SYS-16ENT-DVE6 Smart Hub models 	



MECHANICAL (CONT.)

Mercury board adapter bracket (ordered separately; OP-CRA-ACC-ADPT):

For mounting Access Control Core on MP1501, LP1501, MP1502, LP1502, MP2500, and LP2500 boards



Weight (Device Only)	Access Control Core: 2 oz (57 g)
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ELECTRICAL

Operating Voltage	12-24VDC
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Operating Current	0.7A @ 12VDC 0.4A @ 24VDC
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ENVIRONMENTAL

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

Certifications	CE (Europe), IC (Canada), FCC (United States), RoHS, UKCA (United Kingdom), ANATEL (Brazil)
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WARRANTY

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

PART NUMBER	DESCRIPTION
OP-CR-ACC	Avigilon Access Control Core
OP-CRA-ACC-ADPT	Mercury Adapter Bracket for Access Control Core

Support

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

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



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