

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

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 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 supports up to 16 entries by connecting up to two expansion boards easily via USB and has a lifetime warranty.



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

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.



Simplified installation

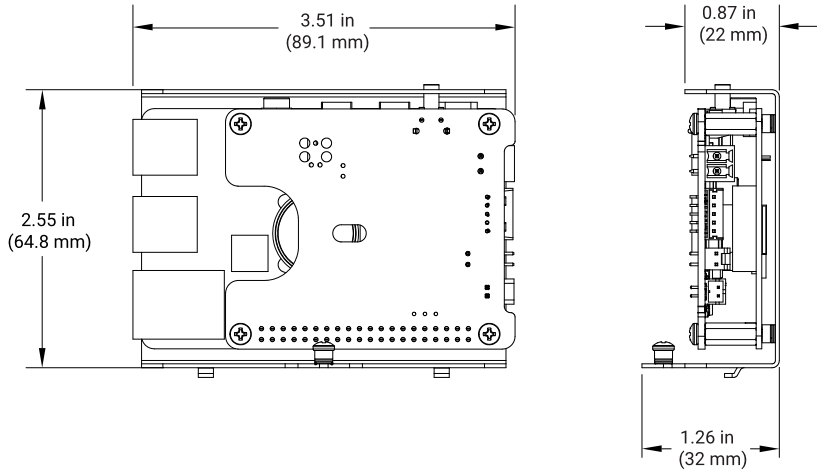
Supports wireless configuration via the Avigilon Alta Access app using Bluetooth with interoperability to integrate with physical on-premise systems and logical software-based systems.

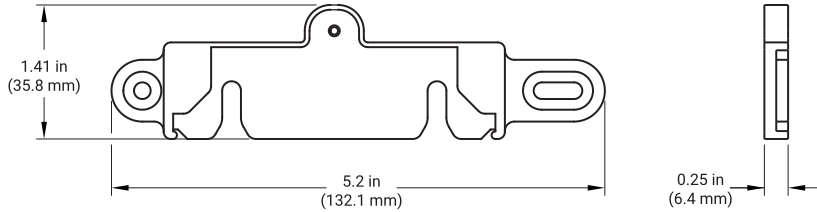


MOTOROLA SOLUTIONS

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 8 entries	1 HID® Mercury™ LP Series Intelligent Controller - LP1501
	Up to 32 entries	1 HID Mercury LP Series Intelligent Controller - LP1502 or LP2500
Communications	10/100/1000 baseT Ethernet port for connection to 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:  The drawing shows the Access Control Core from two perspectives. The front view (left) is a rectangular unit with a width of 3.51 in (89.1 mm) and a height of 2.55 in (64.8 mm). It features a central circular component and several ports along the bottom edge. The side view (right) shows the unit's profile with a depth of 0.87 in (22 mm) and a base width of 1.26 in (32 mm).	

MECHANICAL		
Dimensions	Mounting bracket: Recommended in SYS-4ENT-DVE1, SYS-8ENT-DVE2, and SYS-ELEV-SVE1 models Required in SYS-8ENT-DVE4 and SYS-16ENT-DVE6 models  The drawing shows the Mounting Bracket from two perspectives. The front view (left) is a horizontal bracket with a width of 5.2 in (132.1 mm) and a height of 1.41 in (35.8 mm). It has a central mounting hole and two side flanges. The side view (right) shows the bracket's profile with a thickness of 0.25 in (6.4 mm).	
Weight	Access Control Core: 2 oz (57 g)	

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ELECTRICAL	
Operating Voltage	12-24VDC
Operating Current	0.7A @ 12VDC 0.4A @ 24VDC
ENVIRONMENTAL	
Operating Temperature	0° to 50°C (32° to 122°F)
Operating Humidity	5% to 85% relative, non-condensing
REGULATORY	
Certifications	CE (Europe), IC (Canada), FCC (United States), RoHS, UKCA (United Kingdom), ANATEL (Brazil)
WARRANTY	
Avigilon Alta Access Warranty	Lifetime limited; for more information, visit avigilon.com/support/warranty

Ordering Information

PART NUMBER	DESCRIPTION
OP-CR-ACC	Avigilon 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)



AVIGILON

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