

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 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.



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.



Simplified installation

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



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.



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.

Specifications

SYSTEM

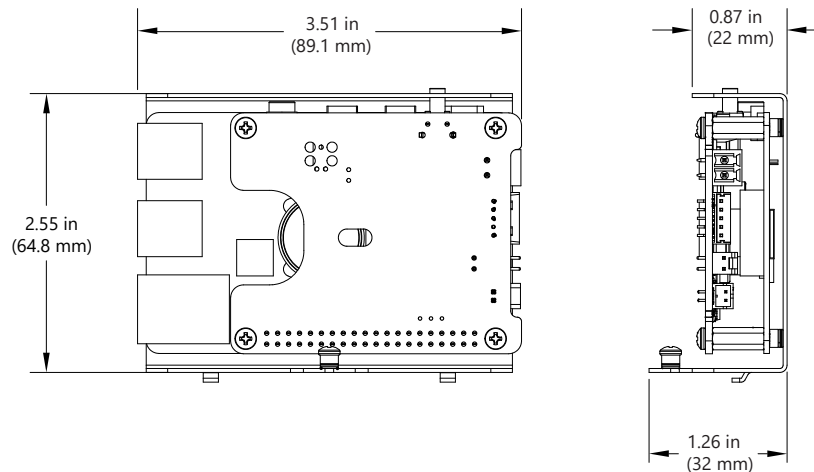
Access Control	Capacity	Expansion Board Connections
	Up to 8 entries	2 Avigilon 4-Port Expansion Boards
	Up to 12 entries	1 Avigilon 4-Port Expansion Board and 1 Avigilon 8-Port Expansion Board
	Up to 16 entries	2 Avigilon 8-Port Expansion Boards
	Up to 8 entries	1 Mercury™ MP Series or LP Series Intelligent Controller - MP1501 or LP1501
	Up to 32 entries	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

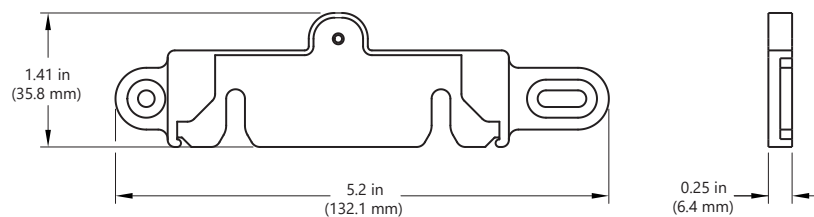
Dimensions

Access Control Core:



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



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)
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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

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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