

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.

Specifications

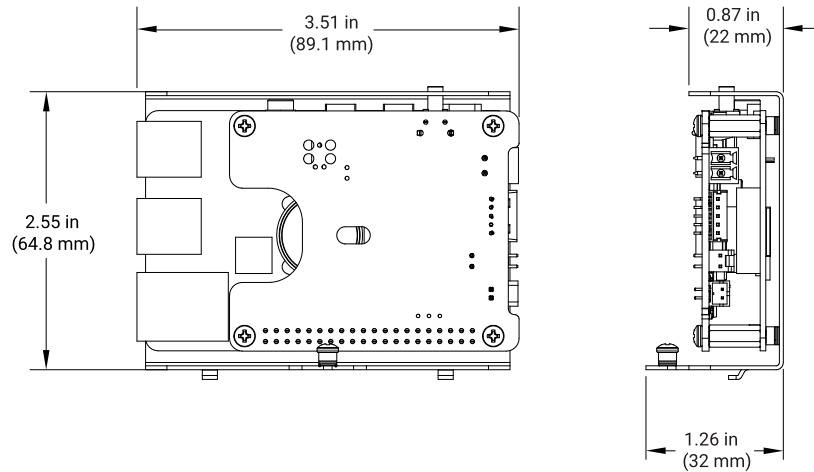
SYSTEM

Access Control	Capacity	Expansion Board Connections
	Up to 8 entries Up to 12 entries Up to 16 entries	2 Avigilon 4-Port Expansion Boards 1 Avigilon 4-Port Expansion Board and 1 Avigilon 8-Port Expansion Board 2 Avigilon 8-Port Expansion Boards
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:

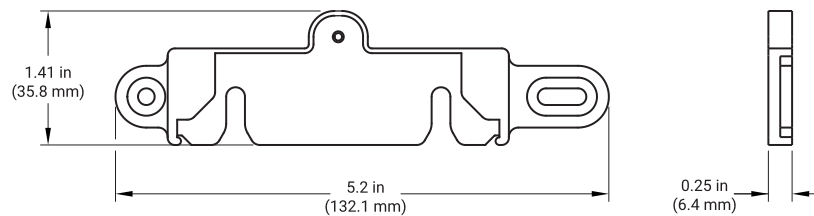


MECHANICAL

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



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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