



AVIGILONTM
TRUSTED SECURITY SOLUTIONSTM

ACM Embedded ControllerTM Access System

Access Control. Simplified.



The Access Control Manager (ACM) Embedded Controller™ access system is 100 percent browser-based and designed for projects securing 16 doors of access or fewer. This solution uses open-field hardware from HID Global combined with factory-installed software from Avigilon that aligns with the needs of small- and medium-sized businesses.

Most access systems connect to a physical server optimized for installations requiring a high number of doors, tens of thousands of cardholders and enough room for large amounts of transactional storage. This translates to greater system costs even for smaller projects that don't require all that processing power. The ACM Embedded Controller access system removes the need for a server, enabling the HID controller to act as both the server and decision maker for the access system. This in turn should reduce installation time — from hours to minutes — simplify programming, provide a simple interface for personnel to perform quick operations and include the power that small systems need to help achieve high performance at a lower cost of ownership.

The Avigilon ACM Embedded Controller access system is excellent for small-sized businesses, educational facilities, property management companies, retail locations, health clinics, dental offices and more.

KEY FEATURES

BENEFITS

Manage from browser-based devices

The familiar interface helps make it quick to learn and understand using any tablet or PC with an internet connection.

Email notification

Critical events can be sent directly to security personnel, improving incident response times.

Flexible I/O linking

Take control by turning access events into an actionable notification-driven system.

Cardholder import/export

A convenient way to migrate system cardholders

Bundled kits

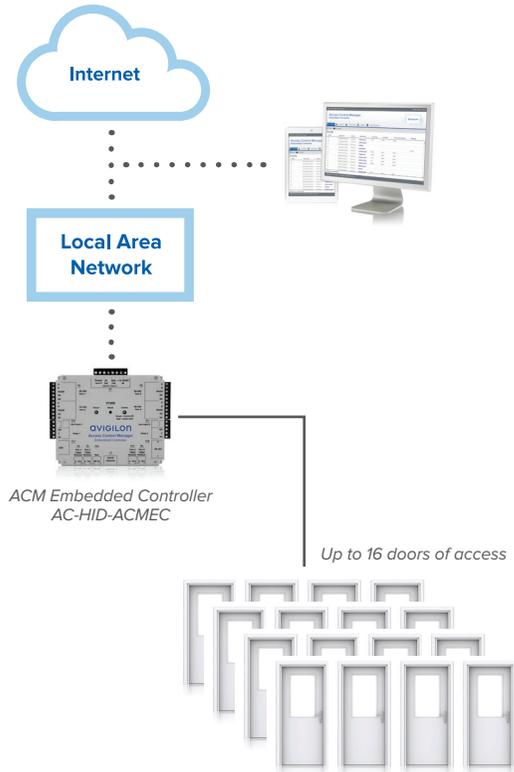
With only three part numbers to remember, ordering is easy and convenient.

Database backup

Easily backup configuration and transactional data over a web browser, saving you valuable time.

Easy migration

As your company grows, the system grows with you. We make the transition to the ACM Professional system easy with a simplified migration path.



Simplified design

Part of what makes the ACM Embedded Controller access system simple and easy to use is the ability to allow the system to manage itself. With email notifications, critical system events can be sent to key personnel, alerting them to take action. What's more, the ACM Embedded Controller system includes time-saving features, such as the ability to quickly lock or unlock a door, suspend cardholder access privileges and view hardware diagnostic information, making it an excellent choice for both security personnel and installers.

Simplified ordering

One factor to consider when building an access system is deciding what parts to include and making sure the products chosen will work together. With the ACM Embedded Controller system, we've simplified this process by bundling the system for you. With only three kit part numbers to remember, ordering is as fast and easy as operating the system.

Simplified navigation

The browser-based software in the ACM Embedded Controller access system helps to make navigating, operating and configuring the system easy and intuitive for system operators. With only five tabs in the navigation structure, you are often only one or two clicks away from performing most system operations. Whether you're doing a routine backup or removing access to a cardholder, you can perform these types of quick operations and more from virtually any location over the Internet.



Bundled Kit Ordering Information



Four-Door Kit

AC-HID-LSP-ACMEC-KIT4

- One AC-LSP-4DR-HID-LCK LifeSafety power enclosure
- One Avigilon AC-HID-ACMEC ACM Embedded Controller board with factory-installed software by Avigilon
- Two AC-HID-VERTX-V100 HID VertX V100 reader interfaces
- Four AC-HID-READ-ICLASS-SE-R10-AVG card readers
- 100 AC-HID-CARD-ICLASS-SE-3000-AVG HID iCLASS SE cards



Eight-Door Kit

AC-HID-LSP-ACMEC-KIT8

- One AC-LSP-8DR-HID-LCK LifeSafety power enclosure
- One Avigilon AC-HID-ACMEC ACM Embedded Controller board with factory-installed software by Avigilon
- Four AC-HID-VERTX-V100 HID VertX V100 reader interfaces
- Eight AC-HID-READ-ICLASS-SE-R10-AVG card readers
- 100 AC-HID-CARD-ICLASS-SE-3000-AVG HID iCLASS SE cards



16-Door Kit

AC-HID-LSP-ACMEC-KIT16

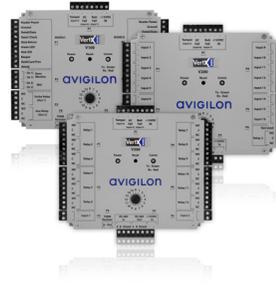
- One AC-LSP-16DR-HID-LCK LifeSafety power enclosure
- One Avigilon AC-HID-ACMEC ACM Embedded Controller board with factory-installed software by Avigilon
- Eight AC-HID-VERTX-V100 HID VertX V100 reader interfaces
- 16 AC-HID-READ-ICLASS-SE-R10-AVG card readers
- 100 AC-HID-CARD-ICLASS-SE-3000-AVG HID iCLASS SE cards

Accessories



ACM Embedded Controller Board

AC-HID-ACMEC



Avigilon HID Interface Monitors

Door/Reader Interface - AC-HID-VERTEX-V100

Input Monitor Interface - AC-HID-VERTEX-V200

Output Monitor Interface - AC-HID-VERTEX-V300



Avigilon Credentials

AC-HID-CARD-ICLASS-SE-3000-AVG



Avigilon SE R10 Card Reader

AC-HID-READ-ICLASS-SE-R10-AVG



Avigilon Power Enclosure

Four-door enclosure - AC-LSP-4DR-HID-LCK

Eight-door enclosure - AC-LSP-8DR-HID-LCK

16-door enclosure - AC-LSP-16DR-HID-LCK

Product Specifications

Feature	ACM Embedded Controller System
Doors/cardholders	Up to 16 doors and 2,000 cardholders
Operators	10 (2 concurrent client connections)
Event monitoring	Last 500 transactions
Transaction buffer	25,000
Offline mode	Offers two modes of access when controller is offline (Facility code only or locked no access)
Firmware update	Full support through browser
Backup and restore	Full support through browser
Email	Logged event triggered
Card formats	26-bit Wiegand, 34-bit Wiegand, 37-bit HID 10304, 56-bit Avigilon
Browser support	IE 11, Chrome (v39), Firefox (v34), Safari (v8)
Compatible hardware	HID VertX V100 (Door/reader interface), V200 (Input monitor interface) and V300 (Output monitor interface)

Avigilon Value



Commitment and Quality

- Over 11 years in the business
- Quality products, manufacturing and operations
- Continual investment in new technologies



Fast time to value

- Easy installation
- Complimentary 24/7 support



Low TCO

- No recurring software licensing fees
- No maintenance fees
- Complimentary training

Avigilon access control solutions provide a 100% browser-based Linux platform that delivers exceptional value, allowing customers to achieve high performance at a lower cost of ownership.

To learn more, visit avigilon.com/acm-ec

