



## Integrated security solution

with AD-400 wireless devices and Access Control Manager (ACM) from Avigilon

AVIGILON™



### Overview

Schlage AD Series locks seamlessly integrate with Avigilon's Access Control Manager (ACM) to provide a cost effective and scalable access control solution to meet your security needs.

- Scalable, all-in-one, browser-based access control solution
- Quickly manage the system from any location and device with a browser
- Available as a virtual solution that is certified VMware Ready for deployment - ACM Virtual
- ACM Professional for up to 32 readers
- ACM Enterprise or Virtual for any size application
- Ultimate flexibility and performance that only an enterprise level system can deliver

Schlage AD Series locks combine the components typically found around the door, such as the door position switch and the request to exit switch, into one unit which simplifies installation and saves money. And since they are designed to be modular, Schlage AD Series locks can easily be upgraded in the future to meet your changing security and technology requirements.

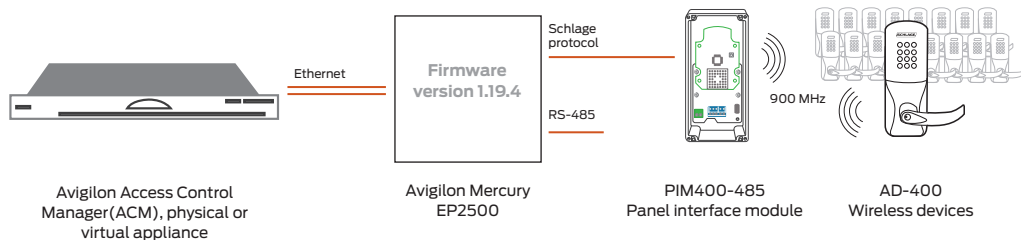
The AD Series is available in wireless configurations to suit the requirements of the facility. AD Series wireless locks provide many of the key benefits of a hardwired system including realtime monitoring, audit trails, centralized lockdown and instant access control management. In retrofit applications the Schlage AD Series wireless locks and devices, which eliminate the need to run wires direct to each opening, can help you extend the reach of your access control system.

### System Capabilities Summary

- AD-400 wireless:
  - Secure 900 MHz wireless communication, AES-128 bit encrypted
  - Real time access control and monitoring
  - Powered by four (4) standard off-the-shelf AA batteries
  - Patent pending wireless lockdown /unlock feature via PIM400 (10 seconds or less) preserves up to 2 year battery life
- Additional details on readers supported and chassis types available on page 3 and 4
- Weather resistant, exterior operating temperature: -31° to 151°F (-35° to 66°C)
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C

## AD-400 via RS-485 and Avigilon AC-MER-CONT-64DR (Mercury EP2500)

- Avigilon AC-MER-CONT-64DR (Mercury EP2500) supports up to 64 AD locks total
- Avigilon AC-MER-CONT-64DR (Mercury EP2500) supports a maximum of 8 PIM400-485 per RS-485 port. There are 2 ports on each Avigilon AC-MER-CONT-64DR (Mercury EP2500) supporting up to 16 PIM400-485 total.
- Wireless range up to 200' in building construction, up to 1000' line of sight

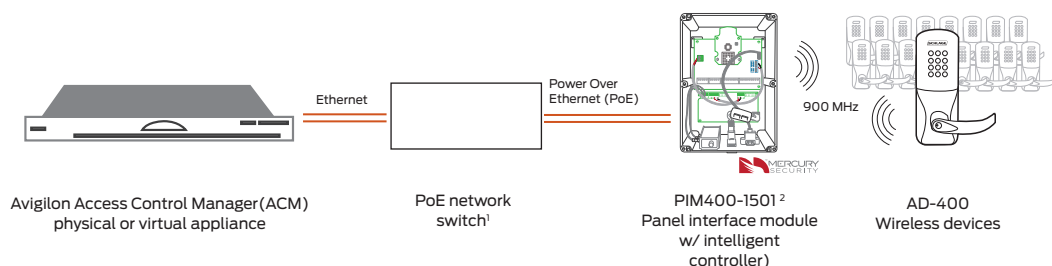


## AD-400 via PIM400-1501 with Avigilon AC-MER-CONT-1DR (Mercury EP1501)

- PIM400-1501 supports up to 16 AD-400s
- Wireless range up to 200' in building construction, up to 1000' line of sight

<sup>1</sup> In order to have a UL Listed configuration a UL294 12VDC power supply must be used

<sup>2</sup> Avigilon AC-MER-CONT-1DR (Mercury EP1501) is sold separately



Note:

Please refer to AD-400, PIM400-485, PIM400-TD2, PIM400-1501, WPR400, WRI400 data sheets for complete AD Series Specifications

For additional information contact Avigilon: 888.281.5182 or [avigilon.com](http://avigilon.com)

## System capabilities:

	AD-400 PIM400-485	AD-400 PIM400-1501
<b>Features</b>		
Maximum number of readers supported by controller/PIM	64	16
Maximum number of readers per PIM400	16	16
Maximum number of PIM400s per RS-485 port	Up to 8	N/A
Access control decision made by host or by lock database	Host	Host
Remote Linking capability via Host	No	No
<b>Readers - see supported card formats below</b>		
Keypad only	Yes	Yes
Magnetic stripe card	Yes	Yes
Multi-technology - 125 kHz proximity and 13.56 MHz smart card	Yes	Yes
PIV & PIV-I card compatible	No	No
Card + PIN	Yes	Yes
<b>Status monitors</b>		
Request to exit	Yes	Yes
Door position	Yes	Yes
Mechanical key override	Yes	Yes
Request to enter	Yes	Yes
Low battery status	Yes	Yes
Communication status: RF/RS-485	Yes/Yes	Yes/Yes
Remote lockdown/unlock	Yes	Yes
Deadbolt position	Yes	Yes
Interior push button	Yes	Yes
<b>Lock functions</b>		
Classroom/storeroom	Yes	Yes
Privacy	Yes	Yes
Apartment	Yes	Yes

Please contact Avigilon for additional details on integrated features and credentials supported.

### Supported card formats

#### Proximity cards (125 kHz):

- AWID®
- GE/CASI®
- HID®
- Schlage®
- XceedID®

#### Smart cards (13.56 MHz):

- aptiQ™ MIFARE Classic
- aptiQ™ MIFARE DESFire™ EV1
- PIV & PIV-I Compatible <sup>1</sup>

#### Smart cards (13.56 MHz) - reads card serial number only:

- HID iCLASS®
- DESFire®
- MIFARE®
- MIFARE DESFire™ EV1

## Available AD Series reader modules



### Multi-technology

- Proximity
- Smart card

### KEYPAD

FIPS 201-1 compliant option available (FMK)



### Multi-technology

- Proximity
- Smart card



### Magnetic stripe (insertion)

### KEYPAD



### Magnetic stripe (insertion)



### Magnetic stripe (swipe)

### KEYPAD



### Magnetic stripe (swipe)



### Keypad



### Handheld device (HHD)

Used to initialize, configure, and test AD Series Devices

## Compatibility

AD Series electronic locks from Schlage are built from the ground up to provide more options, more functionality and more compatibility than any other solution on the market today. Designed to suite with the most popular lever styles and finishes, Schlage AD Series locks can be configured to accept most major key systems. See lever and cylinder compatibility data sheet (010432).

Mortise Lock (AD-400)



Cylindrical Lock (AD-400)



Exit Device Trim (AD-400-993)



The AD Series exit trims are exclusively compatible with exit devices made by Allegion when using the low current request to exit switch (RX-LC part # 050281 for Von Duprin 98/99 & Von Duprin 22/22F Rim/SVR devices and part number 650359 for Falcon 25 Rim devices).

## Lever styles

Standard cylinders shown, SFIC and FSIC also available.



Sparta



Rhodes



Athens



Tubular

## Finishes

Warm tone finishes



605  
Bright brass



606  
Satin brass



612  
Satin bronze



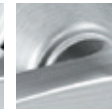
643e  
Aged bronze



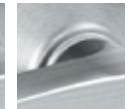
619  
Satin nickel



625  
Bright chrome



626  
Satin chrome



626AM  
Satin chrome with antimicrobial

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## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit [www.allegion.com](http://www.allegion.com).

aptiQ ■ LCN ■ SCHLAGE ■ STEELCRAFT ■ VON DUPRIN



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