



Integrated security solution

with AD-400 wireless devices and Keyscan Aurora



A Member of the Kaba Group



Overview

Keyscan's WLALKIT is a combination product that features a CA8WL-AL access control unit from Keyscan and a PIM400-485 wireless lock interface from Schlage. Together, they allow integration with up to eight (8) Allegion AD400 series wireless locks on a new or existing Keyscan access control system.

The CA8WL-AL is Keyscan's PoE equipped access control unit designed for this wireless application. This ACU interface receives and authenticates credential data transmitted from the PIM400-485 and responds with access granted or denied based on the permissions criteria set in Keyscan Aurora access control management software. A condensed size unit, the CA8WL-AL can be installed virtually anywhere. It is easily connected to your LAN/WAN network and can be powered using PoE (where available). If PoE is not available a 12VDC input option is provided.

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.

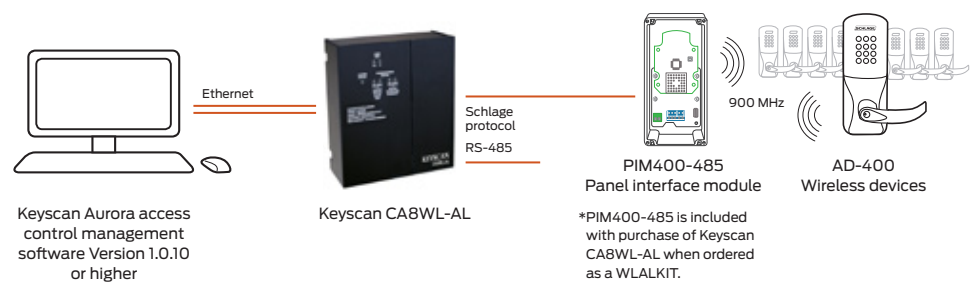
AD Series wireless locks provide many of the key benefits of a hardwired system including real-time monitoring, audit trails, centralized lockdown and instant access control management. In retrofit applications the Schlage AD Series wireless locks and devices, which eliminate the need to run wires direct 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 PIM400-485 (in 10 seconds or less) preserves up to 2 year battery life, Consult Keyscan before use.
- Keyscan WLALKIT includes 1 CA8WL-AL and 1 PIM400-485 to support up to 8 AD-400 wireless locks
- 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 with Keyscan WLALKIT

- Keyscans WLALKIT contains 1 CA8WL-AL and 1 PIM400-485 and will support up to 8 AD-400 wireless locks
- The CA8WL-AL is capable of being PoE or powered via an external DC power supply.
- Wireless range up to 200' in typical building construction, 1000' clear line of sight.



Note:

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

For additional information contact Keyscan: keyscan.ca or 888-539-7226

System capabilities:

AD-400
PIM400-485 (CA8WL-AL)

Features

Maximum number of readers supported by controller/PIM	8
Maximum number of readers per PIM400	8
Maximum number of PIM400s per RS-485 port	1
Access control decision made by host or by lock database	Host
Remote Linking capability via Host	No

Readers - see supported card formats below

Keypad only	Yes (up to 5 digits)
Magnetic stripe card	No
Multi-technology - 125 kHz proximity and 13.56 MHz smart card	Yes
PIV & PIV-I card compatible	No
Card + PIN	Yes

Status monitors

Request to exit	Yes
Door position	Yes
Mechanical key override	No
Request to enter	No
Low battery status	Yes
Communication status: RF/RS-485	Yes/Yes
Remote lockdown/unlock ¹	Yes (<10 sec) ¹
Deadbolt position	No
Interior push button	No

Lock functions

Classroom/storeroom	Yes
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Please contact Keyscan for additional details on integrated features and credentials supported.

Supported card formats

Proximity cards (125 kHz):

- HID®
- Schlage®
- XceedID®

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

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

¹ Requires AD-400 firmware version AD.A.71 or greater. Consult with Keyscan before use

Available AD Series reader modules



Multi-technology

- Proximity
- Smart card
- KEYPAD



Multi-technology

- Proximity
- Smart card



Keypad



Handheld device (HHD)

Used to initialize, configure, and test AD Series Devices

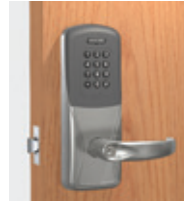
Compatibility

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-MS)



Cylindrical Lock (AD-400-CY)



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

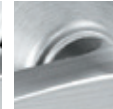
Cool tone finishes



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.

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