SCHLAGE®

KERI SYSTEMS INCORPORATED

Integrated security solution

with AD-400 wireless devices and Doors.Net

Overview

Schlage AD Series wireless locks seamlessly integrate with Doors.NET to provide a cost effective and scalable access control solution to meet your security needs.

Schlage AD Series wireless locks and devices can be utilized to extend the reach of your Doors.NET Software access control system. Schlage AD Series wireless locks and devices provide many of the benefits of a hardwired system including real-time monitoring, audit trails, centralized lockdown and instant access control management without the wires.

Keri Systems is one of North America's largest independent access control and integrated security system manufacturers. Their Doors.NET Software and TCP/IP-based NXT Hardware solution provides sophisticated access control and video integration with all of the features required to manage a few doors or hundreds of doors, in a modern IT-friendly architecture and user-friendly interface.
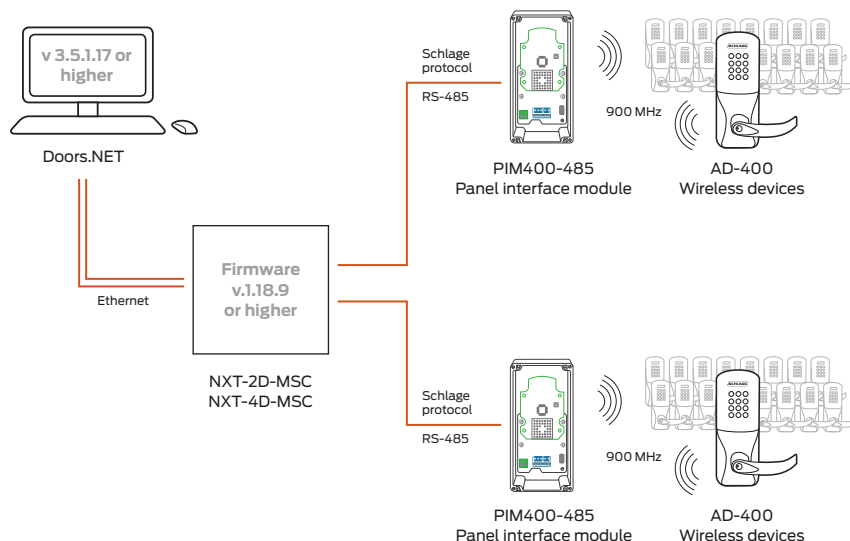
AD Series wireless locks combine the components typically found around the door, such as the door position switch and the request to exit switch, into one unit which simplifies installation and saves money. And since they are designed to be modular, Schlage AD Series locks can easily be upgraded in the future to meet your changing security and technology requirements.

System Capabilities
Summary

- Secure 900 MHz wireless communication, AES-128 encrypted

- Real time access control and monitoring

- Patent pending wireless lockdown /unlock feature via PIM400 in 10 seconds or less (preserves up to 2 year battery life)

- Powered by four (4) standard AA batteries, optional 8 AA battery pack available

- Additional details on readers supported and chassis types available on page 3 and 4

- Weather resistant, exterior operating temperature: -31º to 151ºF (-35º to 66ºC)

- Additional wireless products also available
  - Wireless Portable Reader (WPR400) for muster stations, buses, etc.
  - Wireless Reader Interface (WRI400) eliminates running wires to remote doors, parking gates, and elevator applications

- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C

AD0400 via RS-485 with Doors.NET and NXT Controllers (Mercury Powered)

- NXT-2D-MSC can support up to 2 PIM400-485

- NXT-4D -MSC can support up to 4 PIM400-485

- Each PIM400-485-KRI can support up to 16 AD-400 wireless devices, not to exceed up to 16 wireless devices that can be managed by a single NXT Controller.

- Wireless range up to 200' in typical building construction, up to 1000' line of sight

- Contact Keri Systems for more information on Wiegand TD2 solutions

v 3.5.1.17 or higher

Doors.NET

Ethernet

Firmware v.1.18.9 or higher

NXT-2D-MSC
NXT-4D-MSC

Schlage protocol

RS-485

PIM400-485
Panel interface module

900 MHz

AD-400
Wireless devices

Schlage protocol

RS-485

PIM400-485
Panel interface module

900 MHz

AD-400
Wireless devices

Extend the reach with AD Series Wireless accessories

Wireless Portable Reader (WPR400)
For muster stations, buses, etc.

Wireless Reader Interface (WRI400)
Used in conjunction with electric strikes, mag locks and wall mount readers; eliminates the need to run wires to remote door, gate and elevator applications

Note:

Please refer to AD-400, PIM400-485, WPR400, WRI400 data sheets for complete AD Series specifications.

For additional information contact Keri Systems: 800.260.5265 or www.kerisys.com

System capabilities:

	AD-400 PIM400-485
Features	
Maximum number of readers supported by controller	NXT-2D-MSC = 16 NXT-4D-MSC = 16
Maximum number of readers per PIM400	16
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
Magnetic stripe card	Yes
Multi-technology - 125 kHz proximity and 13.56 MHz smart card	Yes
PIV & PIV-I card compatible[1]	Yes
Card + PIN	Yes (up to 15 digit PIN)
Status monitors	
Request to exit	Yes
Door position	Yes
Mechanical key override	Yes
Request to enter	Yes
Low battery status	Yes
Communication status: RF/RS485	Yes / Yes
Remote lockout/unlock[2]	Yes (<10 sec)[2]
Deadbolt position	Yes
Interior push button	Yes
Lock functions	
Classroom/storeroom	Yes
Privacy	Yes
Office	Yes
Apartment	Yes

Please contact
Keri Systems 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 and PIV-I compatible[1]

**Smart cards (13.56 MHz) -
reads card serial number only:**
- HID iCLASS®
- DESFire®
- MIFARE®
- MIFARE DESFire™ EV1

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1 FIPS 201 compliant option available: The AD Series can be used in applications which require approval by the US Federal Government under HSPD-12 for FIPS 201 compliance. Specific components are required, please see the AD-401 and AD-301 data sheets for complete details.

2 For greater than 1 device will be <20 sec.

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)

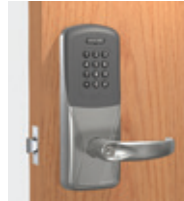Used to initialize, configure, and test AD Series Devices

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

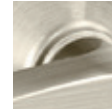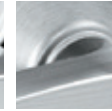**Warm tone finishes**

605 Bright brass
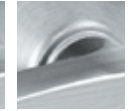
606 Satin brass

612 Satin bronze

643e Aged bronze

Cool tone finishes

619 Satin nickel

625 Bright chrome

626 Satin chrome

626AM Satin chrome with antimicrobial

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.**

aptiQ ▪ LCN ▪ SCHLAGE ▪ STEELCRAFT ▪ VON DUPRIN

ALLEGION™

For additional information contact Keri Systems: 800.260.5265 or www.kerisys.com