



Integrated Access Control Solution

with AD-400 Wireless Devices
and Doors.Net



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.

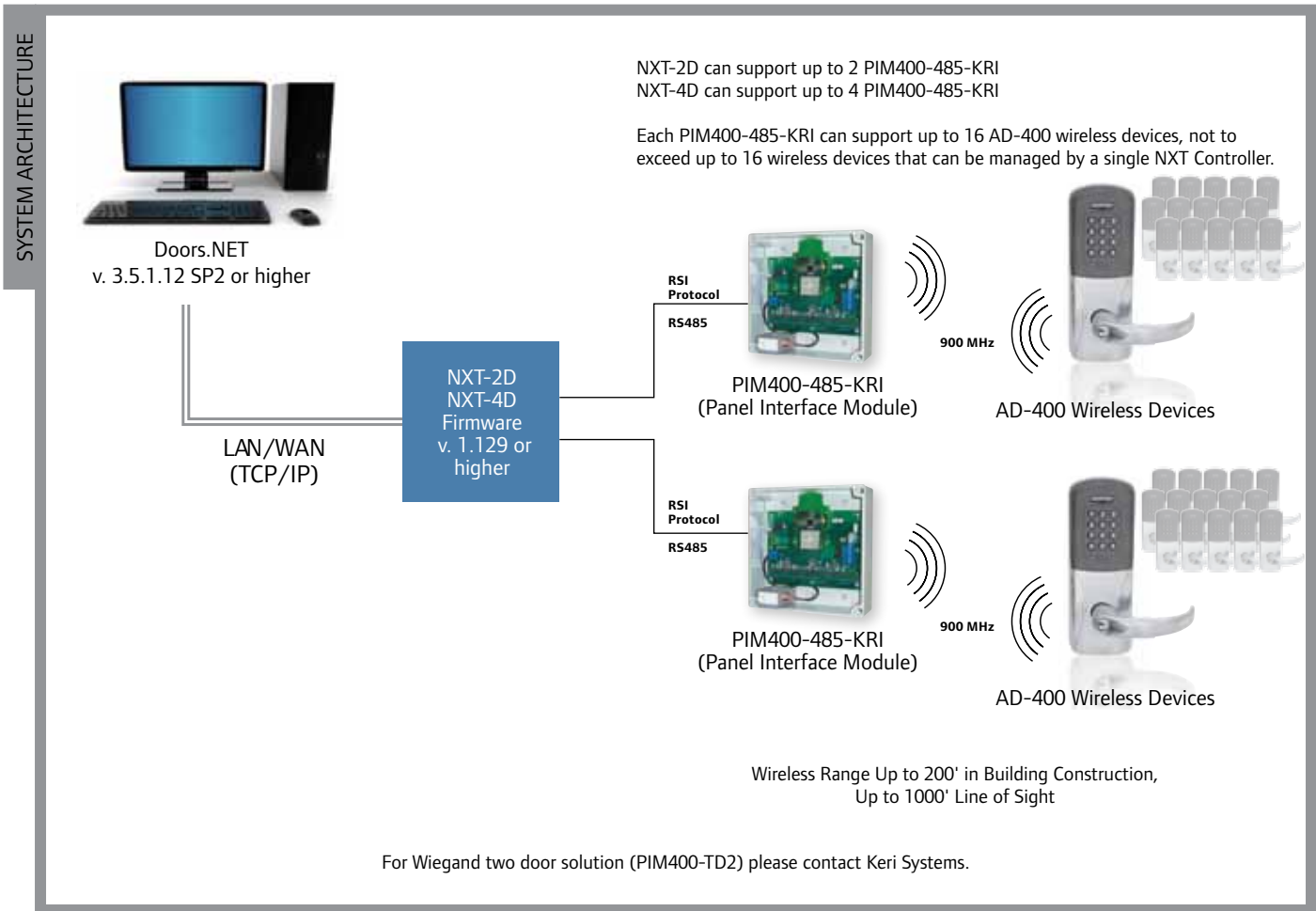


System Capabilities – Summary

- 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
- AD-Series available reader options with Doors.Net:
 - Magnetic Stripe
 - Multi Technology (125 kHz proximity & 13.56 MHz smart)
 - All card readers available card + PIN
- Available chassis options: Cylindrical Lockset, Mortise Lockset , Exit Trim
- Weather Resistant, Exterior Operating Temperature: -31° to 151°F (-35° to 66°C)
- 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, UL10 C

Doors.NET with AD-400 and NXT Controllers (Mercury Powered)

- NXT-2D and NXT-4D Controllers support a combination of up to 2 and 4 readers and/or PIM400-485-KRI's respectively
 - Each NXT Controller can support up to 16 AD-Series devices total
 - Each connected PIM400-485-KRI can support up to 16 wireless devices
 - Contact Keri Systems for more information on Wiegand TD2 solutions



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

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

System Capabilities	
	AD-400
	PIM400-485-KRI
Features	
Maximum Number of AD-400 devices supported by controller	Up to 16
Maximum Number of devices per PIM400	Up to 16
Max Number of PIM400-485-KRI per NXT Controller, one per port	NXT-2D = 2 NXT-4D = 4
Communication from PIM400 to controller	RS485
Access control decision made by Host software or by lock database	Host
Configuration and linking done via HOST or HHD (Handheld PDA)	HHD
Readers (see supported credentials formats to the right):	
Keypad Only	Yes
Magnetic Stripe Card	Yes
125 kHz Prox Card	Yes
13.56 MHz Smart Card	Yes
PIV & PIV-I Card Compatible*	Yes†
Multi-Tech - 125 kHz Prox & 13.56 MHz Smart Card	Yes
Card + PIN	Up to 6 digit PIN
Status Monitors	
Request to Exit	Yes
Door Position Switch	Yes
Interior Cover Tamper Guard	Yes
PIM400 Tamper Guard	Yes
Lock/Unlock Status Clutch Position	No
Mechanical Key Override (ATK)	No
Request to Enter	No
Low Battery Status	Yes
Battery Voltage Level	No
Communication Status	Yes
Remote Lockdown (from host)	Yes (<10 secs)
Remote Unlock (from host)	Yes (<10 secs)
Deadbolt Position	No
Interior Push Button	No
Lock Functions	
Classroom/Storeroom	Yes

Supported Proximity Cards (125 kHz):

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

Supported Smart Cards (13.56 MHz):

- MIFARE®
- MIFARE DESFire™ EV1
- PIV & PIV-I Compatible*

Supported Smart Cards (13.56MHz) - Reads Card Serial Number Only:

- HID iClass®
- MIFARE DESFire®

Notes:

* FIPS 201 Compliant Option Available:
The AD-Series can be used in applications which require approval by the U.S. Federal Government under HSPD-12 for FIPS 201 Compliance. Specific components are required, please see the AD-401 data sheet for complete details.

† 75 bit format output default. Configurable to other output formats.

AD-Series Credential Reader Compatibility:



- **Multi-Technology**
 - Proximity
 - Smart Card
- **Multi-Technology**
 - Proximity
 - Smart Card
- **Magnetic Stripe** + KEYPAD
- **Magnetic Stripe**
- **Magnetic Stripe (Swipe)** + KEYPAD
- **Magnetic Stripe (Swipe)**
- **Keypad**



- **Handheld Device (HHD)**
Used to initialize, configure, and test AD-Series Devices

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.



Mortise Lock
(AD-400)



Cylindrical Lock
(AD-400)



Exit Device Trim (AD-400-993)

The AD-400 exit trims are exclusively compatible with exit devices made by Ingersoll Rand 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 & part # 650359 for Falcon 25 Rim devices)

Configure Your Lock:

We have created a web-based product selector tool that can help you configure your AD-Series lock to meet your needs. To check out the tool, please visit www.schlage.com.



Cylinder Compatibility	Full Size (key-in-lever 6 pin)	Full Size (key-in-lever 7 pin)	FSIC (6 & 7 pin)	SFIC (6 & 7 Pin)
Schlage	●		●	●
Falcon®	▲	◆		▲
Sargent® (10L + 11L Full Size)	▲		▲	▲
Corbin Russwin®			▲	▲
Yale® (also includes Medeco 31*0100 FSIC)			▲	▲
Best®				▲

● = with cylinder or less cylinder options ▲ = less cylinder only
 ◆ = less cylinder only, only with Sparta and Rhodes levers Note: See pricebook for specific configurations.

Lever styles

Standard cylinders shown, SFIC and FSIC also available.



Sparta



Rhodes



Athens



Tubular

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

For additional information contact Keri Systems:
800-260-5265 or www.kerisys.com

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