



# Integrated Access Control Solution

with AD-400 Wireless Devices  
and Lenel OnGuard®

Schlage AD-Series wireless locks seamlessly integrate with Lenel OnGuard® (version 6.3 and 6.4) to provide a cost effective and scalable access control solution.

OnGuard® offers advanced access control, alarm monitoring, digital video, intrusion detection, asset tracking, information security integration, credential production, and employee and visitor management functionality. Individual application modules are available as standalone systems or can be deployed in any combination to deliver a single, seamlessly integrated solution.

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

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.

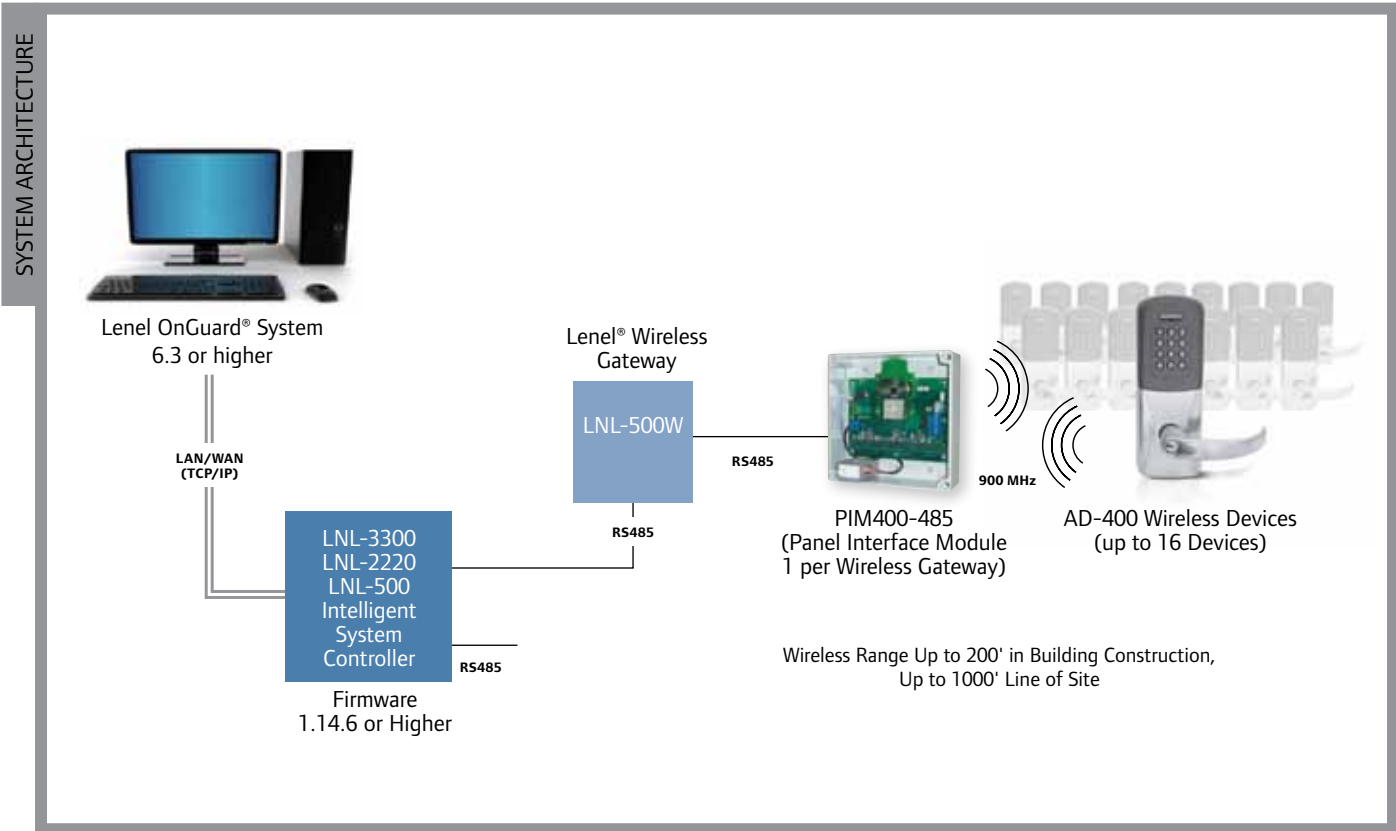


## System Capabilities – Summary

- Secure 900 MHz wireless communication, AES-128 encrypted
- Real time access control and monitoring
- Powered by four (4) standard off-the-shelf AA batteries
- AD-Series available Reader options with OnGuard®:
  - Keypad
  - Magnetic Stripe
  - Multi-Technology (125 kHz proximity and 13.56 MHz smart)
  - All card readers available with 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)  
Eliminate running wires to remote doors, gate, and elevator applications
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL10 C

# Lenel OnGuard® with AD-400 Wireless Locks and Lenel® ISC Controllers

- Lenel® Controllers can support up to 64 devices
  - Each connected PIM400-485 can support up to 16 AD-400 devices
  - Each PIM400-485 must be connected to a single LNL-500W
  - Up to (16) LNL-500Ws can be connected per controller RS485 port
  - Each controller has 2 ports for RS485



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)**  
Use for remote or offsite applications including 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.

<b>System Capabilities</b>	
	<b>AD-400</b>
	PIM400-485
<b>Features</b>	
Maximum Number of readers supported by controller	Up to 64 (LNL-3300 / 2220) Up to 32 (LNL-500)
Maximum Number of devices per PIM400	Up to 16
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 Device)	HHD
<b>Other System Requirements</b>	
Reader Interface / Gateway	Lenel® Wireless Gateway
<b>Readers (see supported credential formats to the right):</b>	
Keypad Only	Yes
Magnetic Stripe Card	Yes
Multi-Tech - 125 kHz Prox & 13.56 MHz Smart Card	Yes
PIV & PIV-I Card Compatible*	Yes†
Card + PIN	Up to 6 digit PIN
<b>Status Monitors</b>	
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 ** (Per Heartbeat)
Remote Unlock (from host)	Yes ** (Per Heartbeat)
Deadbolt Position	No
Interior Push Button	No
<b>Lock Functions</b>	
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.

\*\* Device will respond to host based upon heartbeat; default 10 minutes

### AD-Series Credential Reader Compatibility:



- Multi-Technology
  - Proximity
  - Smart Card
- Multi-Technology
  - Proximity
  - Smart Card
- Magnetic Stripe
  - KEYPAD
- Magnetic Stripe
  - KEYPAD
- 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 number 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](http://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 Lenel:  
1-800-631-6046 or [www.lenel.com](http://www.lenel.com).

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