



Integrated security solution

with AD-300 hardwired and AD-400 wireless devices and Blackboard Transact

Blackboard
transact™



Overview

Schlage AD Series locks seamlessly integrate with Blackboard Transact™ to provide a cost effective and scalable access control solution to meet your security needs.

Blackboard Transact provides commerce and security management solutions and financial services that make the lives of students more convenient and secure. Today, hundreds of colleges and universities rely on the Blackboard Transact integrated technology platform to deliver reliable and sophisticated capabilities that power payments on-campus, off-campus and online. Blackboard Transact is also a leader in campus security solutions including access control, video surveillance and mass notification. Institutions large and small use Blackboard Transact solutions to automate transaction processing, reduce errors, eliminate operational redundancies and control costs.

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.

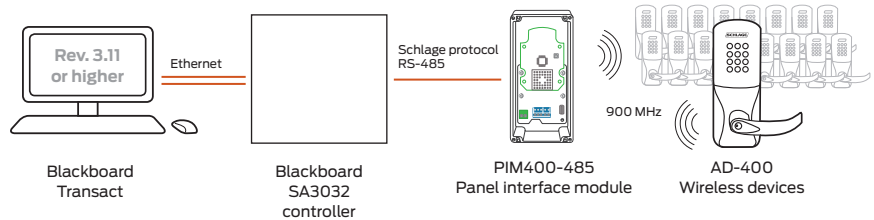
System Capabilities Summary

- AD-300 Hardwired
 - Real-time monitoring capability
 - Centralized lockdown feature that allows you to secure your facility instantly
 - Battery back-up for emergency stand-by when used with a battery backed-up power supply
 - Field configurable fail safe/fail secure
- AD-400 Wireless
 - Secure 900 MHz wireless communication, AES-128 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 in 10 seconds or less (preserves up to 2 years 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)
- 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, UL 10C

AD-400 via PIM400-485 with Blackboard Transact

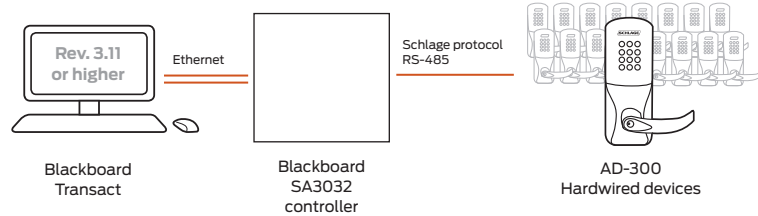
- Transact 3.11 or higher supports up to 8 PIM400-485 with up to 16 AD-400 readers total
- Wireless range Up to 200' in typical building construction, up to 1000' line of site

NOTE: Although not specifically shown, both AD-300s and AD-400s can be managed on a common port



AD-300 via RS-485 with Blackboard Transact

- AD-300 RS-485 configuration only supported by Transact Rev. 3.11 or higher
- Transact 3.11 or higher supports up to 16 AD-300



Note:

Please refer to AD-300, AD-400, and PIM400-485 data sheets for complete AD-Series specifications.

System capabilities:

	AD-400 PIM400-485	AD-300 Direct RS-485
Features		
Maximum number of readers supported by controller/PIM	16	16
Maximum number of readers per PIM400	8	N/A
Maximum number of PIM400s and/or AD-300s per RS-485 port	Up to 8	Up to 8
Access control decision made by host or by lock database	Host	Host
Remote Linking capability via Host	No	N/A
Readers - see supported card formats below		
Keypad only	No	No
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
Status monitors		
Request to exit	Yes	Yes
Door position	Yes	Yes
Mechanical key override	No	No
Request to enter	Yes	Yes
Low battery status	Yes	N/A
Communication status: RF/RS-485	Yes /Yes	Yes/Yes
Remote lockdown/unlock ¹	Yes (<10 sec) ¹	Yes
Deadbolt position	No	No
Interior push button	Yes ²	Yes ²
Lock functions		
Classroom/storeroom	Yes	Yes

Please contact Blackboard Transact 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
- Blackboard encoded MIFARE Classic cards
- aptiQ cards, 26, 35, 36 bit formats
- Blackboard EV1 credentials³

¹ 1 device < 10 seconds
Greater than 1 device < 80 seconds

² Check with Blackboard for details on IPB Function

³ AD lock with MT/MTK reader must be ordered pre-programmed to read the Blackboard EV1 and Blackboard MiFare Classic

Available AD Series reader modules



Multi-technology

- Proximity
- Smart card
- KEYPAD



Multi-technology

- Proximity
- Smart card



Magnetic stripe (insertion)

- KEYPAD



Magnetic stripe (insertion)



Magnetic stripe (swipe)

- KEYPAD



Magnetic stripe (swipe)



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



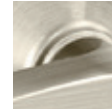
606
Satin brass



612
Satin bronze



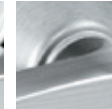
643e
Aged bronze



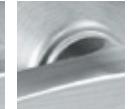
619
Satin nickel



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.

aptiQ ■ LCN ■ SCHLAGE ■ STEELCRAFT ■ VON DUPRIN



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