AD-200

Standalone Electronic Lock

Overview

AD Series electronic locks from Schlage are designed to be modular and provide more options to choose from, more functionality in the lock and more compatibility with existing systems. Its patented modular design allows the lock to be customized to fit the needs of an application now, and can change to meet future needs without removing it from the door.

Factory orderable options include choices of credential readers, chassis type, locking functions, power options, lever styles and finishes. It also offers a wide selection of features that can be configured in the field to customize your openings.

The AD-200 is a simple, economical solution if no access control system currently exists in the facility, or for openings that don't require the control of a networked solution. The AD-200 is easily upgradable to a networked lock if requirements change in the future.

On all AD Series standalone locks, Schlage has built in many of the incremental features needed in a networked system such as request-to-exit and -enter sensors, interior cover tamper guard, as well as the door position switch. This way, if the customer chooses to network this opening in the future, all the components will be there to make the transition an easy one.

Encryption Key & Credential Interoperability

- Hardware configured with our default encryption key or custom key developed by Schlage Custom Encryption Key Service (SCEKS) including NXP, HID® and NFC
- Schlage MIFARE® DESFire® and MIFARE Classic® credentials
- NFC mobile credentials in Apple Wallet® and Google Wallet™
- Other manufacturer credentials including:
  - HID iCLASS®, iCLASS SE® and SEOS® plastic and NFC mobile credentials
  - LenelS2™ BlueDiamond™ MIFARE® DESFire® EV3 and NFC mobile credentials
  - TRANSACT, Brivo, Kastle and more
- See the Credential Compatibility Guide for full details
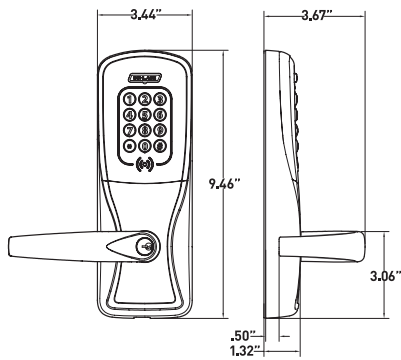
Schlage Credential Services

- CardTrax™ credential format sequencing service offering industry standard formats
- Custom format development

1. Available on privacy function locks manufactured after May 2019 with firmware version AD.A.126 or higher.
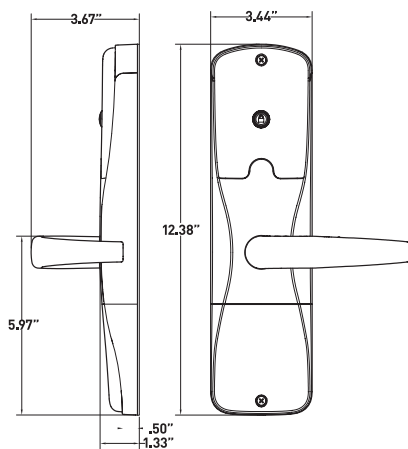
Features & Benefits

- Security that's more intelligent and convenient than traditional mechanical locking devices
- Audit trail reports that allow you to track usage and events
- Update users and access rights at the lock using the keypad or handheld device
- The ability to upgrade to a networked solution without removing the lock from the door
- Available in cylindrical, mortise, mortise deadbolt and exit trim
- Compatible with major brands of master key systems and exit devices
- Hardwired remote push button release capability
- Programmable option for lighted occupancy indication[1]
- Offline lockdown mode configurable with Inside Push Button (IPB)

Exterior

Interior

AD-200 Electronic Lock Specifications	
Users	Up to 5,000
Audits	Up to 5,000
Credential verification time	≤ 1 second[1]
Visual/audible communications	Tri-colored LEDs and audible indicators (field configurable)
System interface	SUS mobile app on compatible Android™ device[3]
Power supply	4AA, 8AA, 12 VDC or 24 VDC
Voltage range	4 VDC to 26 VDC
Max current requirement	Up to 250 mA
Battery life	Up to 2 yrs with 4AA
Operating temperature	Exterior: –31° to 151°F (–35° to 66°C)
	Interior: 32° to 120°F (0° to 49°C) (battery)
Operating humidity	0 - 100% non-condensing
Certifications	ANSI/BHMA A156.25; ANSI/BHMA Grade 1; UL 294; ULC S319; UL 10C 3 hour; FCC Part 15; Industry Canada (IC); ADA compliant;
	Cylindrical and mortise chassis only: TDI DR-464, DR-465; FL12400, FL4613, FL1592, FL13013, FL14482; Mortise chassis only: FL3905
Accessories	SUS-A Cable used with SUS Android mobile app[3]

Functions
- Storeroom[2]
- Office/classroom[2]
- Privacy
- Apartment

Standard Status Signals
- Mechanical key override
- Battery status - indicated by flashing LED lights
- Lock/unlock status
- Occupied - indicated by red LED light (privacy function only)

Schlage Utility Software

The Schlage Utility Software (SUS) mobile app on compatible Android mobile devices and SUS-A cable provides an easy way to manage people, audits and locks for simple access control management.

Schlage Utility Software
- Initialize lock and accessories
- Field configure devices
  - Credential reader formats
  - Lock function
  - Lockdown
  - Unlock period
  - Failure mode
  - Audible alarm on/off
- Service and diagnostics
  - Battery status
  - Validate hardware and software revision
  - Troubleshooting status signals
  - Firmware upgrades
- New device template simplifies configuration

1. Verification time is dependent on size of user base
2. Storeroom and Office/Classroom function not available with mortise deadbolt option
3. Also compatible with legacy Handheld Device (HHD)

Mechanical Specifications

	Cylindrical	Mortise	Exit Trim ▶▶▶
Handing	Handed to order, field reversible		
ANSI standard (meets or exceeds)	A156.25 locked outdoor A156.2 Series 4000 Grade 1	A156.25 locked outdoor A156.13 Series 1000 Grade 1	A156.25 locked outdoor A156.3 Grade 1
Door thickness	1-3/4" standard, 1-3/8" to 2-3/4" optional (available in 1/8" increments)		
Backset	Standard: 2-3/4" Optional: 2-3/8", 3-3/4", 5"	2-3/4" only	Defined by exit device
Latch bolt	Standard: 1/2" throw Optional: 3/4" throw	Standard: 3/4" throw Optional: 1" throw on mortise deadbolt	Provided by exit device
Levers	Pressure cast zinc, plated		
Strike	Standard: 1-3/16" lip, ANSI, 1-1/4" x 4-7/8" Optional: Additional configurations available, please see price book		Provided by exit device
Cylinder and keys	Schlage® 6-pin Everest 29 S123 keyway Conventional cylinder with two patented keys standard. Additional options available including SFIC, FSIC and competitor brands. See Lever & Cylinder Compatibility Data Sheet.		

Standard Multi-Technology Reader Specification

Credential technologies	Proximity (125 kHz) and Smart (13.56 MHz)
Standards	ISO 15693, ISO 14443
Read range	Proximity: up to 1.25"; Smart: up to .75"
Proximity credential support	Compatibility: Schlage®, ISONAS,™ HID[1], GE/CASI ProxLite®, AWID® and LenelProx®
Smart credential support[2]	Secure sector compatibility: Schlage MIFARE Classic®, Schlage MIFARE Plus®, Schlage MIFARE® DESFire®, PIV and PIV-I[3] CSN only compatibility: HID iCLASS®, HID iCLASS SE®, Inside Contactless Pico Tag®, MIFARE Classic/Plus/DESFire, ST Microelectronics®, Texas Instruments Tag-It®, Phillips I-Code®
Certifications	FCC, UL 294
Options	Option for 12 button, 3 x 4 matrix backlit keypad

Note: See the Credential Compatibility Guide for full details including interoperable credentials from other manufacturers.

Available AD Series Reader Modules

Multi-Technology
- Proximity
- Smart

➕ KEYPAD option

Si with HID Support
- Smart

➕ KEYPAD option

Magnetic Stripe (swipe)

➕ KEYPAD option

Keypad

AD Series exit trim is compatible with Von Duprin 98/99 and 98/99XP (rim, mortise, SVR; and CVC, CVR on metal doors only), Von Duprin 78 (rim, SVR, CVR), Von Duprin 22/22F (rim and SVR) and Falcon 25 (rim) exit devices from Allegion. The AD Series is also compatible with select rim exit devices from Sargent, Corbin Russwin, Yale, Dorma and Precision.

For Von Duprin and Falcon solutions, a low current request-to-exit switch (RX-LC or AE) is recommended for future network migration.

Refer to the AD Series Exit Trim Compatibility Guide for additional details.

Benefits of AD Series Multi-Technology Readers:

- Reads multiple brands of both proximity (125 kHz) and smart (13.56 MHz) technologies with single reader

- Allows facility to migrate to more secure credential technologies over time and as budgets permit

Additional Readers

Si option with HID® support
Supports:
- Secure application area of HID iCLASS®, iCLASS SE®, Seos® smart credentials
- iCLASS Standard Key and Elite Keys
- All Schlage MIFARE® and NFC mobile credentials

Does not support:
- Proximity
- Bluetooth® (BLE) mobile credentials

Magnetic stripe
- Available with choice of insertion or swipe style readers
- Triple track reader (1, 2 or 3), field configurable
- ABA, ISO76XX standard

Keypad
- Backlit keypad
- 12 button, 3 x 4 matrix

---

1. Proximity bit lengths greater than 37 not supported
2. Smart card functionality dependant on access control software
3. 75 bit output format default. Configurable to other output formats. Check with access control provider for specific support

Ordering Information

Available through one of our GSA schedule 84 approved distributions. BAA options available

AD	–	200	–	CY	–	70	–	MG	–	SPA	–	626	–	P6	–	S123	–	RH	–	4B	–	13-247	–	10-025	–	134

Series	Class	Chassis	Function	Reader	Lever Style	Finish	Key Cylinder	Keyway	Handing	Battery	Backset & Latch or Armored Front	Strike	Door Thickness
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Standard options are indicated with a dot. See price book for specific configuration options.

3 Chassis

CY	Cylindrical
MS	Mortise
MD	Mortise deadbolt
993R	Exit trim – Rim/CVC/CVR
993S	Exit trim – SVR
993M	Exit trim – mortise
993DT	Non-functioning dummy trim for exit

4 Function

40	Privacy
50	Office/classroom
60	Apartment
70	Storeroom

Lock function capabilities are determined by users access control system.

5 Reader

• KP	Keypad
MS	Magnetic stripe (swipe)
MSK	Magnetic stripe + keypad (swipe)
MT	Multi-technology (125 kHz, 13.56 MHz, NFC)
MTK	Multi-technology + keypad (125 kHz, 13.56 MHz, NFC)
Si	HID support
SiK	HID support + keypad
DT	Dummy trim

6 Lever

ATH	Athens
BRK	Boardwalk
BRW	Broadway
LAT	Latitude
LON	Longitude
RHO	Rhodes
SPA	Sparta
TLR	Tubular

Available with knurled surface.

7 Finish

605	Bright Brass
606	Satin Brass
612	Satin Bronze
619	Satin Nickel
625	Bright Chrome
• 626	Satin Chrome
626AM	Satin Chrome Antimicrobial
643e	Aged Bronze

8 Key Cylinder

• P6	Schlage 6-pin conventional key-in-lever cylinder

See price book for other SFIC, FSIC and less cylinder options available. Compatible with Schlage®, Sargent®, Corbin Russwin, Medeco® and Yale®.

9 Keyway

• S123	Everest 29

See price book for other available keyway options including restricted keyways in Primus XP high security cylinders and master keying.

10 Handing

• RH	Right handed
LH	Left handed

Field reversible.

11 Battery

• 4B	4AA
8B	8AA

12 Backset & Latch or Armored Front

• 13-247	Cylindrical: 2-3/4" backset deadlatch, square corner, 1-1/8" x 2-1/4"
• 09-663	Mortise: Armor front, 1-1/4" wide, square corner

See price book for mortise deadbolt and other backset and latch options or armor front options.

13 Strike

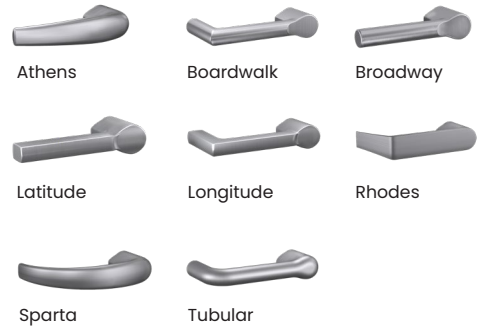|	
• 10-025	Cylindrical: 1-3/16" lip, ANSI, no box, 1-1/4" x 4-7/8"
• 10-072	Mortise: 1-3/16" lip, 1-1/4" x 4-7/8" square corner, box

See price book for other available strikes.

14 Door Thickness

• 134	1-3/4"

Other thicknesses available between 1-3/8" and 2-3/4" See price book for details.

Lever Styles

Conventional cylinders shown, SFIC and FSIC also available.

Athens Boardwalk Broadway

Latitude Longitude Rhodes

Sparta Tubular

Finishes

605 Bright Brass
606 Satin Brass
612 Satin Bronze
619 Satin Nickel
625 Bright Chrome
626 Satin Chrome
626AM Satin Chrome Antimicrobial
643e Aged Bronze