



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 patent-pending 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 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.

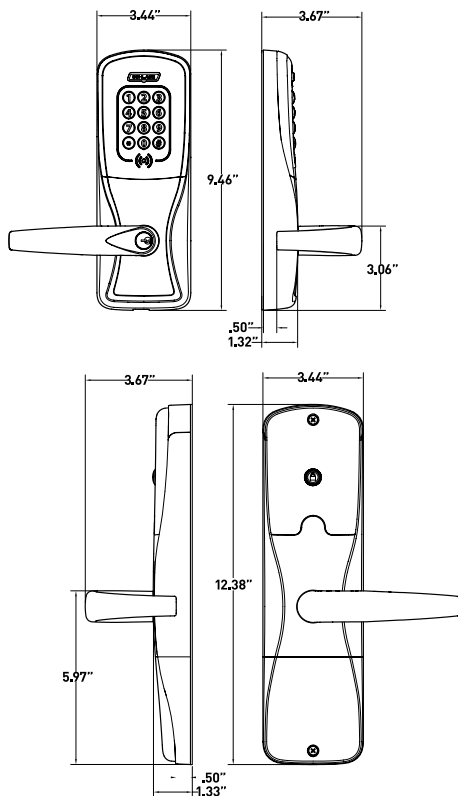
On all AD Series standalone locks, Schlage has built in many of the incremental features needed in a networked system such as request-to-exit and -enter sensors, interior cover tamper guard, as well as the door position switch. This way, if the customer chooses to network this opening in the future,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

Features and 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
- Allows use of smart/mobile device as credential with aptiQmobile™ (multi-technology reader only)¹
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C, FCC Part 15, ADA, RoHS, FL12400², FL1591², FL13013² and FL14482²

¹ Refer to aptiQmobile.com for list of certified devices compatible with aptiQmobile credentials

² Applies to cylindrical and mortise chassis only



AD-200 electronic lock specifications

Users	Up to 5000
Audits	Up to 5000
Credential verification time	≤ 1 second ¹
Visual/audible communications	Tri-colored LEDs and audible indicators (field configurable)
System interface	Handheld Device (HHD)
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)
Operating temperature - 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, UL 10C, FCC Part 15, ADA, RoHS
Accessories	Handheld Device (HHD)

Functions

- Classroom/storeroom²
- Office²
- Privacy
- Apartment

Standard status signals

- Lock/unlock status
- Mechanical key override
- Battery status

Schlage Utility Software on Handheld Device

The Schlage Utility Software (SUS) on the Handheld Device (HHD) 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
 - Unlock period
 - Failure mode
 - Audible alarm on/off
- Service and diagnostics
 - Battery status
 - Validate hardware and software revision
 - Troubleshooting status signals
- New device template simplifies configuration

HHD

- 3.5 inch display
- Touch screen/keypad backlit
- 32-bit processor
- OS: Windows Mobile 6.5
- Memory: 128 MB RAM/ 256 MB ROM
- Battery: rechargeable Li-ion
- Dimensions: 5.1" x 2.8" x 0.65" (13.0 cm x 7.2 cm x 1.7 cm)
- Weight: 0.42 lbs (190 g)
- 5 ft (1.2 m) drop to steel surface, 2 drops per 6 sides



The HHD connects with AD Series and CO Series locks and accessories via the USB interface

For replacement HHD devices with a serial cable connection, please contact Technical Support at 877.671.7011.

¹ Verification time is dependent on size of user base

² Classroom/storeroom and office function not available with mortise deadbolt option.

Mechanical specifications

Chassis	Cylindrical	Mortise	Exit trim
Handing	Handed to order, field reversible		
ANSI standard (Meets or exceeds)	A156.25 A156.2 Series 4000 Grade 1	A156.25 A156.13 Series 1000 Grade 1	A156.25 A156.3
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	For lever base metals see lever and cylinder compatibility data sheet (010432)		
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 cylinder with two patented keys standard Additional options available including Standard, SFIC, FSIC and competitor brands. See lever and cylinder compatibility data sheet (010432)		

Multi-technology reader specification

Frequency	125 kHz proximity and 13.56 MHz smart card
Standards	ISO standard 15693 and ISO 14443
Maximum read range	Up to 1.25" on 125 kHz proximity, up to 0.75" on 13.56 MHz smart card
125 kHz proximity credential use	Compatibility: Schlage®, XceedID®, HID®, GE/CASI ProxLite®, AWID® and LenelProx® XceedID credential style formats: Clamshell, ISO card, ISO card with magnetic stripe, keyfob and PVC disk (7000 Series)
13.56 MHz proximity credential use	Secure sector compatibility: Schlage MIFARE®, aptiQ™ MIFARE® Classic, XceedID, aptiQ MIFARE DESFire™ EV1 with PACSA, aptiQmobile™; PIV and PIV-13.4 CSN only compatibility: DESFire, HID iClass®, Inside Contactless Pico Tag®, MIFARE, MIFARE DESFire EV1, ST Microelectronics®, Texas Instruments Tag-It®, Phillips I-Code® aptiQ credential style formats: Clamshell, ISO card, ISO card with magnetic stripe, keyfob, mobile, PVC disk (8000 Series) PVC patch (9000 Series) and wearable wristbands
Certifications/standards	FCC, UL 294 Listed, ISO standard 15693, and ISO standard 14443
Style/layout	Option for 12 button, 3x4 matrix backlit keypad

¹ Request-to-exit switch optional for future network migration

² Narrow design and reversible rim exits not compatible

³ 75 bit output format default. Configurable to other output formats. Check with access control provider for specific support.

⁴ Smart card functionality dependant on access control software

⁵ Refer to aptiQmobile.com for list of certified devices compatible with aptiQmobile credentials

AD Series exit trim

Installed with a universal mounting plate, the AD Series exit trim is compatible with the following exit devices:

- Von Duprin 98/99 & 98/99XP¹ Rim, surface vertical rod, mortise. Concealed vertical cable and concealed vertical rod on metal doors only.
- Von Duprin 22/22F¹ Rim, surface vertical rod
- Falcon 25¹ - Rim
- Sargent® 80² Series - Rim
- Precision™ 21 Rim 2100 converts to 21 with Precision's BP21 kit
- Corbin Russwin® 5000 Series - Rim
- Yale® 7000 - Rim
- Dorma® 9300 - Rim

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 use of smart/mobile device as credential with aptiQmobile technology⁵
- Allows facility to migrate to more secure credential technologies over time and as budgets permit

Additional readers

Magnetic stripe

- Available with choice of insertion or swipe style readers
- Triple track reader (1, 2 or 3), field configurable
- ABA, ISO76XX Standard
- Option for 12 button, 3x4 matrix backlit keypad

Keypad

- Backlit keypad
- 12 button, 3x4 matrix

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)



Keypad

Ordering information

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

AD-200-CY-70-MG-SPA-626-PD-S123-RH-4B-13-049-10-025-1 3/4

Series	Class	Chassis	Function	Reader	Lever style	Finish	Lever cylinder	Keying type	Handing	Battery	Backset and latch	Strike	Door thickness
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Selections correspond with the numbers above

Standard options are indicated in bold. 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
70	Classroom/storeroom
50	Office
40	Privacy
60	Apartment
5	Reader
KP	Keypad
MG	Magnetic stripe (insertion)
MGK	Magnetic stripe + keypad (insertion)
MS	Magnetic stripe (swipe)
MSK	Magnetic stripe + keypad (swipe)
MT	Multi-technology (125kHz and 13.56 MHz)
MTK	Multi-technology + keypad (125kHz and 13.56 MHz)
DT	Dummy trim

6	Lever
SPA	Sparta
RHO	Rhodes
ATH	Athens
TLR	Tubular
Available with knurled surface	
7	Finish
626	Satin chrome
605	Bright brass
606	Satin brass
612	Satin bronze
619	Satin nickel
625	Bright chrome
643e	Aged bronze
626AM	Satin chrome antimicrobial
8	Lever cylinder type
PD	Schlage 6-pin full cylinder
See price book for other SFIC, FSIC and Less Cores options available. Compatible with Schlage, Sargent, Corbin, Medeco and Yale.	
9	Keyway type
S123	Everest 29
See price book for other available keyway options including master keying	
10	Handing

RH	Right handed
LH	Left handed
Field reversible	
11	Battery
4B	4AA
8B	8AA
12	Backset and latch or armor front
Cylindrical	
13-049	2 3/4" backset, deadlatch, square corner, 1 1/8" x 2 1/4"
Mortise	
09-663	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
Cylindrical	
10-025	1 3/16" lip, ANSI, no box, 1 1/4" x 4 7/8"
Mortise	
10-072	1 3/16" lip, 1 1/4" x 4 7/8" square corner, box
See price book for other available strikes	
14	Door thickness
1 3/4"	
Other thicknesses available between 1 3/8" and 2 3/4"	
See price book for detail	

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

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