AD-200

Standalone Electronic Lock

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 with deadbolt and exit trim
- Compatible with major brands of master key systems and exit devices
- Now available with Magnetic Swipe Reader
- AD-Series with multi-technology readers are NFC compatible
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294,UL10C, FCC Part 15, ADA, RoHS

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Security Technologies

AD-200 Electronic Lock Specifications

Users	Up to 5,000
Audits	Up to 5,000
Credential Verification Time	≤ 1 second*
Visual/Audible Communications	Tri-colored LED's & audible indicators (field configurable)
System Interface	Handheld Device
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, UL10 C, FCC Part 15, ADA, RoHS
Accessories	Handheld Device (HHD)

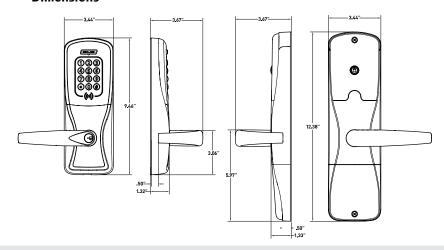* Verification time is dependent on size of user base

Functions

▶ *Classroom/Storeroom*

▶ *Office*

▶ *Privacy*

▶ *Apartment*

Note: Classroom/Storeroom and Office function not available with Mortise Deadbolt option. To ensure safety, all functions always allow for free egress.

Standard Status Signals

▶ *Lock/Unlock Status*

▶ *Mechanical Key Override*

▶ *Battery Status*

Dimensions

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 & Diagnostics
  - Battery Status
  - Validate hardware and software revision
  - Troubleshooting Status Signals
- New device template simplifies configuration

HHD

- 3.5 in LCD display
- Touch Screen/Keypad Backlit
- 32-bit processor
- OS: Windows Mobile 5.0
- Memory: 128 MB RAM/256 MB ROM
- Battery: Rechargeable 3.7 v, 1,230 mAH, Li-ion
- Dimensions: 5.3" x 2.9" x 0.7" (13.5 cm x 7.3 cm x 1.8 cm)
- Weight: 0.42 lbs. (190 g)
- 4 ft. (1.2 m) drop to steel surface, 2 drops per 6 sides

HHD is also compatible with CM, CL, VIP, WA and KC2 Series locks in a serial cable connection.

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

Mechanical Specifications

Chassis	Cylindrical (Based on Schlage ND-Series)	Mortise (Based on Schlage L-Series)
Handing	Handed to Order, Field Reversible	
ANSI Standard	Meets or exceeds A156.25 and A156.2 Series 4000, Grade 1 strength and operational requirements	Meets or exceeds A156.25 and A156.13 Series 1000, Grade 1 operational and security
Door Thickness	1-3/4″ standard, 1-3/8″ to 2-3/4″ optional (available in 1/8″ increments)	
Backset	2-3/4″ standard, 2-3/8″, 3-3/4″ and 5″ optional	2-3/4″ only
Latch Bolt	1/2″ throw security latch standard 3/4″ throw optional	3/4″ throw with anti-friction tongue standard **1″ throw deadbolt on Mortise Deadbolt option***
Levers	Pressure cast zinc, plated to match finish symbols	Steel, plated to match finish symbols
Strike	ANSI curved lip strike 1-1/4″ x 4-7/8″ x 1-3/16″ lip to center standard, optional strikes, lip lengths and ANSI strike box available	ANSI curved lip strike 1-1/4″ x 4-7/8″ x 1-3/16″ lip to center with dust box standard, optional strikes lip lengths available
Cylinder & Keys	Schlage 6-pin Everest 29 S123 keyway cylinder with two patented keys standard Additional options available including Standard, SFIC, FSIC and competitor brands	

*Classroom/Storeroom and Office options not available with deadbolt.

Multi-Technology Reader Specification

Frequency	125 kHz proximity and 13.56 MHz smart card
Standards	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 compatibility	Schlage Proximity, XceedID™ Proximity, HID® Proximity, GE/CASI ProxLite®, AWID® Proximity, LenelProx®
13.56 MHz compatibility	Schlage MIFARE® Secure Sector, XceedID™ MIFARE® Secure Sector, aptiQ™ Smart Cards using MIFARE DESFire™ EV1 with PACSA; PIV and PIV-I*†
13.56 MHz compatibility (serial number only)	DESFire® CSN, HID iCLASS® CSN, Inside Contactless PicoTag® CSN, MIFARE®, MIFARE DESFire™ EV1, ST Microelectronics® CSN, Texas Instruments Tag-It® Serial Number, Phillips I-Code® CSN
125 kHz Compatible XceedID Credentials	125 kHz Clamshell, ISO Card, ISO Card w/ Magnetic Stripe, Keyfob, and PVC Disk (7000 Series)
13.56 MHz Compatible aptiQ™ Credentials	aptiQ™ smart cards using MIFARE® in Clamshell, ISO Card, ISO Card w/ Magnetic Stripe, Keyfob and PVC Patch (9000 Series); aptiQ™ smart cards using MIFARE DESFire™ EV1 in Clamshell, ISO Card, ISO Card w/ Magnetic Stripe, Keyfob, and PVC Disk (8000 Series)
Certifications/Standards	FCC, UL 294, Listed, ISO Standard 15693, and ISO Standard 14443
Style/Layout	Option for 12 button, 3x4 matrix backlit keypad

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

* Smart card functionality dependant on access control software.

Benefits of AD-Series Multi-Technology Readers:

- Reads both proximity (125 kHz) and smart (13.56 MHz) technologies with single device
- AD-Series multi-technology readers are NFC compatible
- Allows end user to migrate to more secure credentials over time and as budgets permit

Additional Readers

Magnetic Stripe
- Now 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 distributors, 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 & 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/CVR/CVC
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
MTK	Multi-Technology + Keypad
DT	Dummy Trim Reader Cover

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 & 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

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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