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 magnetic stripe 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-250 is a unique solution in which the credential, not the lock, carries access rights on a magnetic stripe card. This allows dynamic rights management on the card without reprogramming each lock in the facility. And the lock still maintains an audit trail of events at the door. This makes it a smart and economical solution for campus-like environments with a large number of users and offline openings.

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 request-to-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
- Add users and access rights using credentials instead of having to visit each lock
- 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
- Now available with magnetic swipe reader

1 Applies to cylindrical and mortise chassis only

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## AD-250 electronic lock specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Users</td>
<td>Unlimited, dependent on software</td>
</tr>
<tr>
<td>Audits</td>
<td>Up to 10,000</td>
</tr>
<tr>
<td>Credential verification time</td>
<td>≤ 1 second</td>
</tr>
<tr>
<td>Visual/audible communications</td>
<td>Tri-colored LEDs and audible indicators (field configurable)</td>
</tr>
<tr>
<td>System interface</td>
<td>Handheld Device (HHD)</td>
</tr>
<tr>
<td>Power supply</td>
<td>4AA, 8AA, 12 VDC or 24 VDC</td>
</tr>
<tr>
<td>Voltage range</td>
<td>4 VDC to 26 VDC</td>
</tr>
<tr>
<td>Max current requirement</td>
<td>Up to 250 mA</td>
</tr>
<tr>
<td>Battery life</td>
<td>Up to 2 yrs with 4AA</td>
</tr>
<tr>
<td>Operating temperature - exterior</td>
<td>-31°F to 151°F (-35°C to 66°C)</td>
</tr>
<tr>
<td>Operating temperature - interior</td>
<td>32°F to 120°F (0°C to 49°C) (battery)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>0 - 100% non-condensing</td>
</tr>
<tr>
<td>Certifications</td>
<td>ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, U L10C, FCC Part 15, ADA, RoHS</td>
</tr>
<tr>
<td>Accessories</td>
<td>Handheld Device (HHD), magnetic stripe credential encoder (CL-Encoder 2)</td>
</tr>
</tbody>
</table>

### Functions
- Classroom/storeroom
- Office
- Privacy
- Apartment

### Standard status signals
- Lock/unlock status
- Mechanical key override
- Battery status

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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

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

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1 Classroom/storeroom and office function not available with mortise deadbolt option. To ensure safety, all functions always allow for free egress.
Available AD-250 reader options

- **Magnetic stripe (swipe)**
  - Triple track reader (1, 2 or 3), field configurable
  - ABA, ISO76XX Standard
  - Reader can be cleaned without removing lock from door
  - 12 button, 3x4 matrix backlit keypad

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1 Request-to-exit switch optional for future network migration
2 Narrow design and reversible rim exits not compatible
**Ordering information**
Available through one of our GSA schedule 84 approved distributions; BAA options available

<table>
<thead>
<tr>
<th>Series</th>
<th>Class</th>
<th>Chassis</th>
<th>Function</th>
<th>Reader</th>
<th>Lever style</th>
<th>Finish</th>
<th>Lever cylinder</th>
<th>Keying type</th>
<th>Handing</th>
<th>Battery</th>
<th>Backset and latch</th>
<th>Strike</th>
<th>Door thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
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<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
</tbody>
</table>

**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
MG  Magnetic stripe (insertion)
MGK Magnetic stripe + keypad (insertion)
MS  Magnetic stripe (swipe)
MSK Magnetic stripe + keypad (swipe)
DT  Dummy trim

6  Lever
ATH Athens
BRK Boardwalk
BRW Broadway
LAT Latitude
LON Longitude
RHO Rhodes
SPA Sparta
TLR Tubular
Available with tactile warning options

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 Conventional cylinder
See price book for other SFIC, FSIC and less cylinder 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 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 and latch or armor front
   Cylindrical
   13-049  2 3/16" backset, deadlatch, square corner, 1 1/4" 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 1/4" lip, ANSI, no box, 1 5/8" x 4 1/4"
   Mortise
   10-072  1 1/4" lip, 1 1/4" x 4 1/4" square corner, box
See price book for other available strikes

14 Door thickness
   1 3/8"
   Other thicknesses available between 1 3/8" and 2 3/4"
   See price book for detail

**Finishes**

<table>
<thead>
<tr>
<th>Warm tone finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>605 Bright brass</td>
</tr>
<tr>
<td>606 Satin brass</td>
</tr>
<tr>
<td>612 Satin bronze</td>
</tr>
<tr>
<td>643e Aged bronze</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cool tone finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>619 Satin nickel</td>
</tr>
<tr>
<td>625 Bright chrome</td>
</tr>
<tr>
<td>626 Satin chrome</td>
</tr>
<tr>
<td>626AM Satin chrome with antimicrobial</td>
</tr>
</tbody>
</table>

**About Allegion**

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® 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](http://www.allegion.com).

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