



# AD-200 Series

Access control



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 modular design allows the lock to be customised 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 customise your openings.

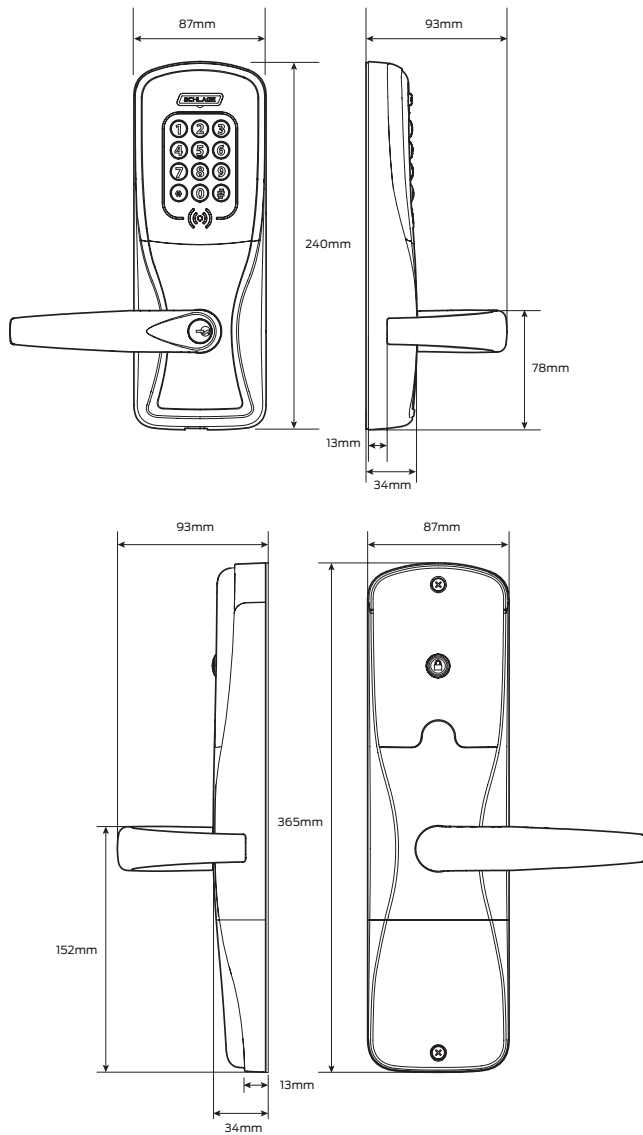
The AD-200 is a simple, economical solution if no access control system currently exists in facility, or for openings that don't require the control of a networked solution. The AD-200 is easily upgradable to a networked lock if requirements change in the future.

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

- 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, mortice, mortice 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. Please refer to aptiQ mobile compatibility chart for a list of certified devices
- FIPS 201-1 compliant when applied with the FIPS multi-technology plus keypad reader module (FMK)
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C, FCC Part 15, ADA, RoHS

## Specification guide



### Specifications

<b>Users</b>	Up to 5000
<b>Audits</b>	Up to 5000
<b>Credential verification time</b>	≤ 1 second
<b>Visual/audible communications</b>	Tri-colored LEDs and audible indicators (field configurable)
<b>System interface</b>	Handheld Device (HHD)
<b>Power supply</b>	4AA, 8AA, 12 VDC or 24 VDC
<b>Voltage range</b>	4 VDC to 26 VDC
<b>Max current requirement</b>	Up to 250 mA
<b>Battery life</b>	Up to 2 yrs with 4AA
<b>Operating temperature - exterior</b>	-31° to 151°F (-35° to 66°C)
<b>Operating temperature - interior</b>	32° to 120°F (0° to 49°C) (battery)
<b>Operating humidity</b>	0 - 100% non-condensing
<b>Certifications</b>	ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL 10C, FCC Part 15, ADA, RoHS
<b>Warranty</b>	1 year



# AD-400 Series

Access control



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 modular design allows the lock to be customised 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, network configurations, locking functions, power options, lever styles and finishes. It also offers a wide selection of features that can be configured in the field to customise your openings.

To simplify installation, the AD Series combines all the hardware components required at the door for a complete access control system into one integrated design that includes the electrified lock, credential reader, request-to-exit and request-to-enter sensors, door position switch, tamper guard and more.

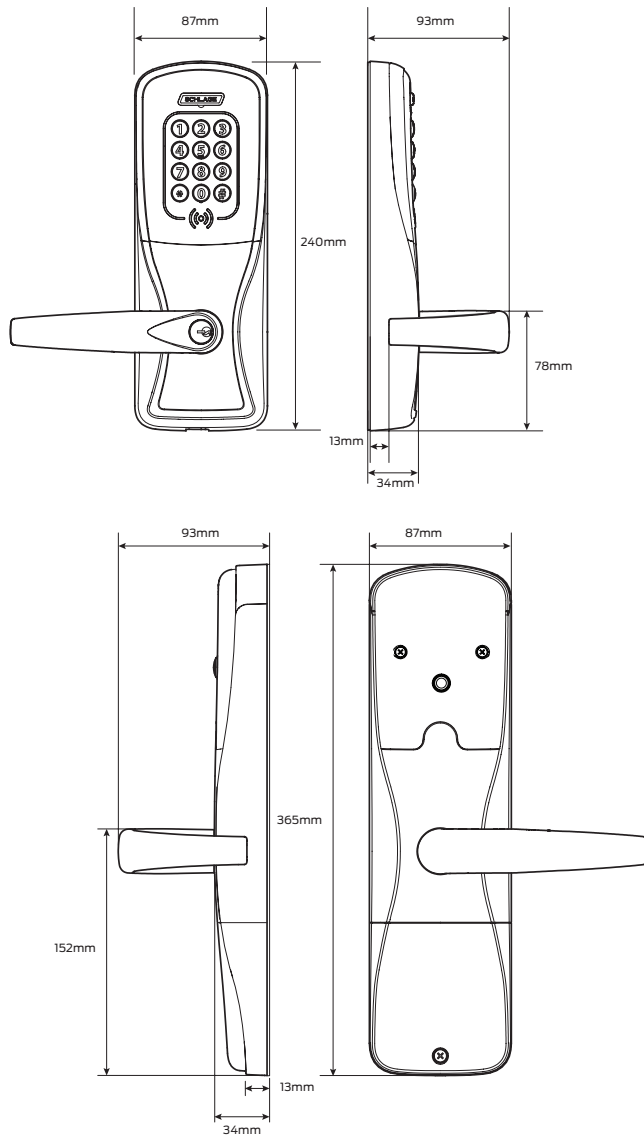
The AD-400 wireless networked lock gives you many of the key benefits of a hardwired access control system — without the wires. This allows you to secure doors that were traditionally difficult to run wires to in the past— and increase the security throughout your facility.

The AD-400 has a number of features built in, that are configurable in the field and a long list of items that can be monitored by access control software. Please consult your access control software partner for details on the integration of specific features.

## Features

- Open architecture platform
- Panel interface options ensure seamless communication with your system
- Non-invasive installations for historic buildings and sensitive areas
- Secure encrypted data transmission
- Unique communication protocols that won't interfere with other wireless networks
- Patent-pending wireless feature that enables efficient centralized lockdown in less than 10 seconds while still optimizing battery life up to 2 years
- Available in cylindrical, mortice, mortice deadbolt and exit trim
- Compatible with major brands of master key systems
- Wireless accessories available for remote, gate, elevator and portable (musterung) applications
- AD Series with multi-technology readers are NFC compatible
- FIPS 201-1 compliant when applied with the FIPS multi-technology plus keypad reader module (FMK)
- ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL10C, FCC Part 15, ADA, RoHS, Industry Canada (IC)

## Specification guide



### Specifications

<b>Modulation</b>	900 MHz spread spectrum, direct sequence, 10 channels
<b>Frequency range</b>	902-928 MHz
<b>Transmission/encryption</b>	AES-128 bit key
<b>Credential verification time</b>	< 1 second <sup>1</sup>
<b>Wake-Up on Radio</b>	Responds to lock/unlock command from host in less than 10 seconds in battery powered applications (per field configuration)
<b>Communication range</b>	Up to 200 ft with obstructions (normal building construction), up to 1000 ft clear line of sight
<b>RF interference avoidance</b>	Configurable dynamic channel switching
<b>Data rate</b>	RF: 40 kbps
<b>Visual/audible communications</b>	Tri-colored LED's and audible indicators (field configurable)
<b>System interface</b>	RS-485, Wiegand, or Clock & Data via PIM400 to host
<b>Power supply</b>	4AA, 8AA, 12 VDC or 24 VDC
<b>Voltage range</b>	4 VDC to 26 VDC
<b>Max current requirement</b>	Up to 250 mA
<b>Battery life</b>	Up to 2 yrs with 4AA
<b>Operating temperature/exterior</b>	-31° to 151°F (-35° to 66°C)
<b>Operating temperature/interior</b>	32° to 120°F (0° to 49°C) (battery)
<b>Operating humidity</b>	0 - 100% non-condensing
<b>Certifications</b>	ANSI/BHMA A156.25, ANSI/BHMA Grade 1, UL 294, UL10 C, FCC Part 15, ADA, RoHS
<b>Warranty</b>	1 year