



LE

Mobile Enabled Wireless Mortise Lock



Overview

The Schlage® LE mobile enabled wireless mortise lock is designed to affordably extend electronic access control deeper into the building beyond traditional perimeter and high security openings and offers users the security and convenience of using a smart device to gain access¹.

LE wireless locks simplify installation by combining the lock, credential reader, door position sensor and request-to-exit switch all in one unit. LE requires only minor modifications to existing mechanical mortise prep with no wires to run to the lock or additional components necessary.

The open architecture design of LE allows it to be managed by Allegion software or to be integrated into popular physical access control systems through our PACS Alliance program². This enables customers to choose the system that best fits their requirements now and transition to another solution at any time

LE suites with Schlage L Series levers, finishes and keyways to provide a wide selections of attractive options to meet the requirements of nearly any environment.

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. Dependent on access control software provider support of specific mobile credentials.
2. Integration with LE mobile enabled wireless locks required for operation.
For information on PACS providers and their capabilities visit us.allegion.com/alliances.
3. Door position switch requires additional prep for mortise deadbolt (MD) applications.

Features & Benefits

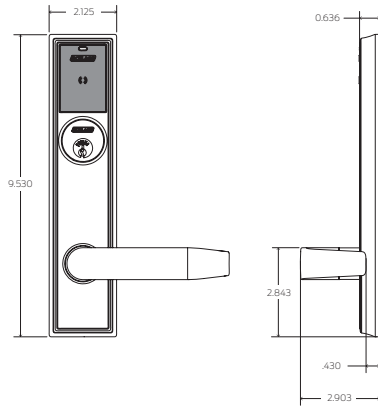
- Available with indicator, interior push button, or deadbolt for storeroom, privacy, apartment, and office applications
- Standard multi-technology credential compatibility includes Schlage MIFARE®, Bluetooth® and NFC mobile¹, and proximity
 - Optional support for HID® smart and NFC mobile credentials
- Wireless configuration from connected smartphones and tablets – no proprietary device needed
- Built-in Wi-Fi® enables automated daily updates sent directly from host software
- Networked real-time communication available with the ENGAGE Gateway and PACS provider solutions²
- Innovative integrated door position switch requires no additional door prep³
- Ideal for office and suite entries, conference rooms, common area doors, resident units, and sensitive storage areas
- Weather-resistant design
- Up to 2 years of battery life

CYBERSECURITY

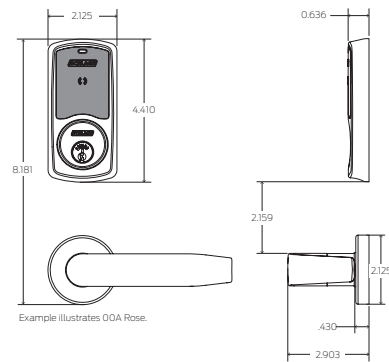
Learn about Allegion's commitment

Exterior of the Lock

Addison



Greenwich

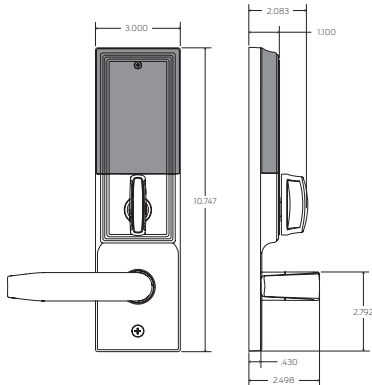


LE Wireless Lock Specifications

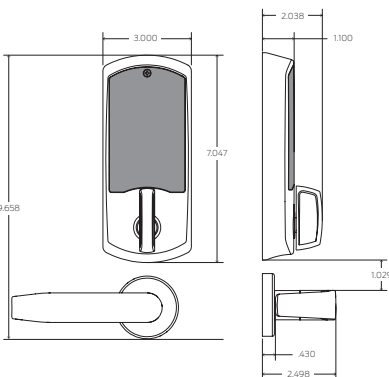
| | |
|---|--|
| Credentials | Up to 5,000 ¹ |
| Audits | Up to 2,000 ² |
| Credential verification time ³ | Smart and proximity: ≤ 1 second Mobile: mobile device dependent |
| Visual communications | Exterior LED (red, amber, green); Interior LED (red, green) |
| Audible communications | Audible indicator (field configurable) |
| Communication standards | <ul style="list-style-type: none"> 2.4 GHz Wi-Fi® (IEEE 802.11b/g/n) WPA2, WPA, WEP, 802.1x Bluetooth® low energy (version 4.2) Transport Layer Security (TLS) version 1.2 Advanced Encryption Standard (AES), 256-bit |
| Gateway communication range | Up to 30' in typical building environments. A detailed site survey is recommended using the ENGAGE Test Kit (TKE) . Reference ENGAGE™ Gateway data sheet for additional detail. |
| Wake-Up on Radio | Responds to command from host in less than 5 seconds when linked to ENGAGE Gateway (requires PACS provider system) |
| Data rate: | 54 Mbps via Wi-Fi |
| Connectivity options | <ul style="list-style-type: none"> Bluetooth via mobile device (send updates at the lock) Wi-Fi access point (automatic daily updates⁷) No-Tour⁸ ENGAGE Gateway (real-time communication) <ul style="list-style-type: none"> RS-485 to ACP or IP to host |
| Battery life ⁴ | Uses 4 AA batteries Up to 2 years |
| Operating temperature | Exterior: -31° to 151°F (-35° to 66°C) Exterior: -13° to 151°F (-25° to 66°C) (LEBSi) Interior: 32° to 120°F (0° to 49°C) (battery) |
| Operating humidity | 0 - 100% non-condensing |
| Certifications | ANSI/BHMA A156.25 locked outdoor; ANSI/BHMA A156.13, Series 1000, Grade 1; UL 294; ULC 60839; UL 10C 3 hour; FCC Part 15; Industry Canada (IC); ADA compliant; FL1592, FL3905, FL4613, FL10356, FL12400, FL14482 |

Interior of the Lock

Addison



Greenwich



Chassis/Functions

- MS mortise with indicator:
 - Storeroom
- MB mortise with push button:
 - Privacy
 - Office
 - Apartment
- MD mortise deadbolt:
 - Privacy
 - Apartment

Available Status Signals

- Request-to-exit
- Door position
- Interior cover tamper⁵
- Battery status
- Lock/unlock status⁶
- Communication status⁵
- Deadbolt position status (MD only)⁵
- Interior pushbutton status (MB only)⁵

Flexible Solutions

LE wireless locks offer connectivity options to fit any size budget or business.

- Mobile
- Wi-Fi
- Real-time with ENGAGE Gateway
- No-Tour⁸

Use the ENGAGE mobile app to commission and connect devices to your access control system of choice

- Maximum storage capacity of lock; allocation of credentials per user can vary by access control software.
- Maximum audit storage capacity of lock. Can vary by access control software audit storage capacity.
- Response time does not include latency time of host when linked with an ENGAGE Gateway or when using No-Tour.
- Assuming indoor application, default settings, 80 actuations, interior LED disabled and one Wi-Fi update per day.
- Consult your access control software provider for specific scope of support.
- Software indicates lock/unlock status based on sequence of events.
- Daily update will occur within 24 hours as scheduled by the host.
- With MT20W and smart credential or mobile credential (consult your access control software provider for specific support).

Mechanical Specifications

| | |
|----------------------------------|--|
| Chassis | MS mortise with LED indicator; MB mortise with push button and LED; MD mortise with deadbolt and LED |
| Handing | Handed to order, field reversible |
| ANSI standard (Meets or exceeds) | ANSI/BHMA A156.25-2013 (Indoor/Outdoor) ANSI/BHMA A156.13-2012, Series 1000, Grade 1 With interchangeable core cylinders: Grade 2 Security |
| Door thickness | Standard: 1-3/4" (44 mm) Optional: 1-3/4" (44 mm) to 2-1/4" (57 mm) optional (SFIC limited to 2" max) |
| Backset | Standard: 2-3/4" (70mm) |
| Latch bolt | Standard: 3/4" (19 mm) throw stainless steel latch bolt with anti-friction tongue |
| Deadbolt | Standard: 1" (25 mm) throw stainless steel deadbolt |
| Levers | Forged brass or bronze |
| Strike | Standard: ANSI 1-1/4" x 4-7/8" (32 mm x 124 mm) x 1-3/16" (30 mm) curved lip strike with dust box Optional: Additional strike lip lengths and ANSI strike box available |
| Cylinder and keys | Standard: Schlage 6-pin Everest 29 S123 keyway Conventional cylinder with two patented keys. Additional keying options available: Conventional and interchangeable cores, master keying, and grand master keying. Compatible with competitor cylinders and cams that support the L9000 Series. |
| Armored front | 1-1/4" x 8" x 7/32" (32mm x 203 mm x 6 mm) only |

Compatible Cylinders

| | Mortise cylinder | Full size interchangeable core - FSIC | Small format interchangeable core - SFIC |
|-------------------|------------------|---------------------------------------|--|
| With cylinder | P, P6, Z | M, R | G7 |
| Less cylinder | L | J* | B* |
| Construction core | — | T | H |
| Disposable core | — | — | BDC |

* Sold with cylinder housing - less core.

Note: Available in formats to support residential customers - 5-pin cylinder with C keyways.
Need to specify keyway and pinning needs. Standard if not specified - P, 6-pin Everest 29 with S123 keyway.

Standard Multi-Technology Reader Specifications

| | |
|--|---|
| Credential technologies | Proximity (125 kHz), Smart (13.56 MHz), Bluetooth Low Energy (BLE)(2.4 GHz), and Near Field Communication (NFC) |
| Standards | ISO standard 15693 and ISO 14443 |
| Maximum read range | Proximity: up to 1.25" Smart: up to .75" Bluetooth Low Energy: up to 15' NFC: mobile device dependent |
| Proximity credential support | Compatibility: Schlage®, ISONAS™, HID4, GE/CASI ProxLite®, AWID® and LenelProx® |
| Smart credential support ¹ | Secure sector compatibility: Schlage MIFARE Classic®, Schlage MIFARE Plus®, Schlage MIFARE® DESFire®; HID support with the Si option CSN only compatibility: HID iCLASS®, HID iCLASS SE®, Inside Contactless Pico Tag®, MIFARE Classic/Plus/DESFire ² , ST Microelectronics®, Texas Instruments Tag-It®, Phillips I-Code® |
| Mobile credential support ³ | Schlage Mobile Bluetooth® Credential, integrated PACS/Proptech mobile credential with Bluetooth, NFC mobile credentials in Apple Wallet® and Google Wallet™; HID NFC mobile support with the Si option |

Note: See the [Credential Compatibility Guide](#) for full details including interoperable credentials from other manufacturers.

1. No-Tour applications require a 1K Byte Schlage MIFARE smart credential.
2. Specify CE-5901-0402 for ISONAS credential parity.
3. Dependent on PACS provider capabilities. Visit us.allegion.com/alliances for more information.
4. Proximity bit lengths greater than 37 not supported.

Mobile Enabled Retrofit Kits

Retrofit kits are available allowing the upgrade of legacy LE locks to the mobile enabled model, enabling them to read Bluetooth® mobile credentials.

- Kit includes: Complete interior escutcheon with PCBA*

* Kit requires reuse of exterior of lock, lock chassis, existing levers/spring cages, battery cover, mounting screws and interior mounting plate.

Si Option with HID® Support

Supports:

- Secure application area of HID iCLASS®, iCLASS SE®, Seos® and MIFARE® DESFire® smart credentials
- iCLASS Standard Key and Elite Keys
- HID NFC mobile credentials
- All Schlage MIFARE and mobile credentials

Does not support:

- Proximity
- HID Seos Bluetooth mobile

Ordering Information

| LEB | MS | GRW | P6 | 07 | 626 | 00A | 17 | 622 | 00A | LH | 10-136 | 134 | S123 | |
|--------|----------------------|-------|------------------|---------|-----|-----|-------------------|-----|-----|---------|------------|-------------------|------------|-----------------------|
| Series | Chassis/ function | Style | Cylinder Type | Outside | | | Inside (optional) | | | Handing | Strike Lip | Door Thickness | Key System | Additional Options |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

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

| 1 Series / 2 Chassis / Function | |
|---------------------------------|--|
| LEBMS | Mobile enabled mortise with indicator only |
| LEBMB | Mobile enabled mortise with interior push button |
| LEBMD | Mobile enabled mortise with deadbolt |
| LEBSiMS | Mobile enabled mortise with indicator only that supports HID® credential types |
| LEBSiMB | Mobile enabled mortise with interior push button that supports HID® credential types |
| LEBSiMD | Mobile enabled mortise with deadbolt that supports HID® credential types |

Prior to ordering, confirm support with preferred PACS provider, visit us.allegion.com/alliances.

| 3 Style | |
|---------|-----------------------|
| GRW | Greenwich (sectional) |
| ADD | Addison (escutcheon) |

| 4 Cylinder type | |
|-----------------|-------------------------------------|
| P6 | Schlage 6-pin Conventional cylinder |

See price book for other mortise cylinder, SFIC, FSIC and Less Cylinder options.

| 5/8 Lever | |
|-----------|---------------------|
| 03 | Suites with Tubular |
| 06 | Suites with Rhodes |
| 07 | Suites with Athens |
| 17 | Suites with Sparta |
| LAT | Latitude |

Available in 31 levers and two knob styles including most M Series decorative lever options.

| 6/9 Finish | |
|------------|----------------------------|
| 605 | Bright Brass |
| 606 | Satin Brass |
| 612 | Satin Bronze |
| 619 | Satin Nickel |
| 622 | Matte Black |
| 625 | Bright Chrome |
| 626 | Satin Chrome |
| 626AM | Satin Chrome Antimicrobial |
| 643e | Aged Bronze |

| 7/10 Rose (GRW style only) | |
|----------------------------|--|
| 00A | 2-1/8" (54 mm) diameter |
| 00B | 2-9/16" (65 mm) diameter |
| 00C | 2-5/8" (66 mm) diameter with bevel (not available in 612 finish) |

MER and AVA decorative rose options are also available, but only with MER and ACC lever styles. Inside rose will default to outside unless specified.

| 11 Handing | |
|------------|----------------------|
| • RH | Right handed |
| LH | Left handed |
| RHR | Right handed reverse |
| LHR | Left handed reverse |

Defaulted to Right Hand, if not specified. The chassis can be changed in the field, with some exceptions. See pricebook for additional details.

| 12 Strike Plate/Lip Length | |
|----------------------------|--------------------------------|
| • 10-136 | 1-3/16" lip length (MS and MB) |
| • 10-072 | 1-3/16" lip length (MD) |

Additional lip length options 7/8" to 1-3/4". See price book for details.

| 13 Door Thickness | |
|-------------------|----------------|
| • 134 | 1-3/4" (44 mm) |

Optional: 1-3/4" (44 mm) to 2-1/4" (57 mm). 2" maximum door thickness on SFIC cylinders. See price book for additional details.

| 14 Keying type | |
|----------------|------------|
| • S123 | Everest 29 |

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

| 15 Additional options | |
|-----------------------|--|
|-----------------------|--|

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

Finishes

