SmartEntry™ SM9159E Series Smartphone Mortise Lock

SECURE, CONVENIENT, DESIGN DRIVEN
One of the first smartphone-operated systems for mortise locks, the SM9159E combines Accurate’s mechanical expertise with industry leading technology. The battery-powered smartlock features keyless entry via Bluetooth® communication that is controlled by a proprietary app for ease and convenience. Keeping design top of mind, this lock is compatible with any style trim and has no exposed electronics.

**PRODUCT + BENEFITS**

- All components hidden inside mortise pocket
- Fully customizable – pair with virtually any style architectural trim
- Battery powered for easy installation. Door does not require any wiring
- Lock and unlock the door and grant keyless entry via smartphone app

**HOW IT WORKS**
iOS + Android compatible

Control lock remotely from anywhere in the world

Local access via Bluetooth®

Compatible with standard trim configurations (LxL, TPxK, etc.)

Admin can provide access to up to 25 users 24/7 or on a schedule

Battery operated with app indicator
SM9159E Series | Technical Details

UL Listed 3 Hour (Mechanics R13846/R27504 and Electronics R10121).
High Security Mortise Lock (furnished standard).*
Grade 1 Certified to ANSI/BHMA A156.13.2005 Standard.
Exceeds ASTM F1577-95b Security Grade 1 (2,400 Impacts).

**BACKSET:** 2 ½”, 2 ¾” backset standard; larger backsets available as a special order.

**CASE:** Heavy Gauge, Plated Steel ($\frac{15}{16}$" thick)

**LATCH BOLT:** Solid stainless steel latch bolt, 1” tall, $\frac{3}{4}$” throw

**STRIKE:** $4\frac{7}{8}$” ASA. Supplied with Security Strike

**HUBS:** Available in different sizes to be compatible with various trim options

**THUMB TURN HUB:** $\frac{3}{16}$” (5mm) on the diamond

**DUST BOX:** Brass, stainless steel, or US10B

**ARMOR FRONT:** Stainless steel with adjustable bevel
Supplied with 14 $\frac{9}{16}$” tall face plate to cover battery mortise pocket

*For use with levers, knobs, thumb grip x lever, thumb grip x knob, or thumb grip x thumb grip.*

*Grade 1 Mortise Lock with anti-friction bolt also available.*
SM9159E Series | Operation

OUTSIDE:
Latch by lever outside after handle is unlocked with smart phone or fob. Outside lever remains unlocked unless user changes settings to have the lever automatically re-lock. If Outside handle is unlocked, phone or fob used to re-lock. If lock is electronically disabled (Secure Mode) on home screen or in settings, outside lever automatically locks and latch bolt can only be retracted by key. When lock is in Secure Mode, outside lever will remain locked at all times.

INSIDE:
Latch by lever inside always. When inside lever retracts latch, outside lever unlocks (similar to 9124) unless user changes settings to have lever automatically re-lock (similar to 9148). Rotating thumb turn locks the outside handle and thumb turn springs back to home position. Thumb turn will NOT unlock the outside lever.

STATUS:
Latch bolt monitor- confirms that latch bolt is fully projected
Stop bar monitor- confirms that outside handle is locked

GENERAL NOTES:
System uses Bluetooth when in proximity and Ethernet Bridge when remote.
Lock operated by 4 AA batteries with low battery warning in app. To replace the batteries simply remove armor plate on edge of door and access the battery pack.
Lock can also be powered with traditional hard wired power supply up to 24 volts. Please specify if you are using it this way.
SM9159E Series | Components

- CPU
- Battery Pack (4 AA batteries)
- Decorative Faceplate
- SM9159E Mortise Lock
- Optional Hard Wire Connectors
- Snap Clip Connector
- 7 Pin Wire Harness Connector
- Trim may be levers, knobs, or thumbpiece in a variety of combinations
SM9159E Series | Components

SUPPLIED STANDARD

ETHERNET BRIDGE

- Ethernet Cable (3 feet long)
- BLE Antenna
- Power Supply 5V@1A
- Product Information Label

RANGE EXTENDER

- BLE Antenna
- Power Supply 5V@1A
- Product Information Label
SM9159E Series | Optional Components

Available as optional accessories for an additional charge, please contact your local distributor.

SMARTENTRY KEYFOB
(SM-FB)

Dimensions
2-1/8” H x 1-1/8” W

SMARTENTRY KEYPAD
(SM-KP)

Dimensions
5-1/4” H x 2-1/8” W x 13/16” D
ACCURATE LEVER TRIM OPTIONS

18L LEVER

19L LEVER

20L LEVER

21L LEVER
Accurate Lever Trim Options

29L LEVER

39L LEVER

72L LEVER
Accurate Sectional Trim: Roses

1R ROSE
- Front
- Side

2R ROSE
- Side
- Inside
- Outside

4R ROSE
- Side
- Inside
- Outside

SILENTPAC™ LEVER DAMPENING DISC CAN BE SPECIFIED WITH THE 1R ROSE
VISIT SILENTPACSOLUTIONS.COM
Accurate Sectional Trim: Thumb Turns

GF1106

7200ADA
Accurate Escutcheons: 1E-C x 1E-T

1E-C
Cylinder Cutout

* Dimensions may vary depending on trim

1E-T
Thumb Turn

* Dimensions may vary depending on trim
HOW TO SPECIFY

HANDING


To view example of finishes visit: Accurate Finishes.

CYLINDERS & KEYING

SM9159E Series locks accept any standard American mortise cylinder. For details on required cams and compatibility with other manufacturers’ cylinders, please visit: Accurate Support.
HOW TO SPECIFY

SM9159E-SEC.BACKSET.TRIM.FINISH.HAND.DOORTHICKNESS

Standard
High Security Mortise Lock (SEC) provided standard (solid, stainless latch bolt).

Optional AF
Grade 1 Mortise Lock with anti-friction latch bolt.

Trim
- Accurate trim (see pg. 10-14)
- Specify other trim manufacturers and/or spindle size.

Backset
2 1/2", 2 3/4" standard
Larger backsets available as a special order.

Finishes
See available finishes (pg. 15)

EXAMPLES

SmartEntry Lock | Accurate Trim
E.g.: SM9159E-SEC.212.29L/1R.US19.RH.134

SmartEntry Lock (Grade 1) | Accurate Trim
E.g.: SM9159E-AF.212.29L/1R.US19.RH.134

SmartEntry Lock | Other Manufacturers’ Sectional Trim* | 2 3/4” Thick Door
E.g.: SM9159E-SEC.234.LxL 8mm.US4.LH.214

*SNote: Please call for assistance when using escutcheon trim

SPECIAL OPTIONS AVAILABLE

- USD K x K Upside Down (cylinder/thumb turn below knobs)
- USD L x L Upside Down (cylinder/thumb turn below levers)