



4500

# 4500 | 5500 | 6500

## Wi-Fi Smart Lock Series

SimpleAccess Wi-Fi enabled smart locks can be connected directly to the internet without a hub. This series of locks offers options for light to heavy commercial traffic applications and for different finishes to meet your unique needs. All of SimpleAccess locks have a more robust set of features when used with SimpleAccess software.



5500:  
Grade 2



6500:  
Grade 1

# WI-FI SMART LOCK SERIES Overview

The Wi-Fi Smart lock series from SimpleAccess are ideal for offices, retail, warehouses, clubs, education centers and more. They are designed to accommodate a variety of doors within these environments, including main entrances, offices, conference rooms, common area doors and IT closets.



4500 SERIES



5500 SERIES



6500 SERIES

SimpleAccess locks utilize built-in Wi-Fi to connect directly to the internet via existing Wi-Fi networks, allowing facility managers to affordably extend access control deeper into buildings beyond traditional wired exterior doors. Managed via SimpleAccess's cloud-based software and mobile app, locks can be configured wirelessly to adjust lock settings, manage users, view event history, receive alerts and more.

SimpleAccess wireless locks are built for flexibility, accepting multiple credential types including PINs, temporary guest PINs, ReadyPINs (Algorithmic), MIFARE smart cards and BLE mobile credentials (coming soon). SimpleAccess supports remote management with remote notifications, monitoring and locking/unlocking doors.

The SimpleAccess series conveniently offers the same functionality on each model for consistency and ease of use. The locks are easy to install and simple to manage through the SimpleAccess web and mobile apps.

## Series Features and Benefits

- Works with SimpleAccess cloud-based, access-control software for whole building access control from anywhere.
- Easily send updates to the lock from the software with built-in Wi-Fi.
- Remote monitoring & control from anywhere via software or mobile app.
- Multiple credential options including PINs, Temporary Guest PINs, ReadyPINs (Algorithmic), MIFARE smart cards & BLE mobile (coming soon).
- Uninterrupted, door-access—lock retains all programming and data in the event of power outage or offline router.
- Supports passage mode, auto-lock mode and passage schedules.
- Easy to install, connect, manage and use.
- Weather-resistant design for use on perimeter doors.
- Remote notifications for user entry and alerts for unexpected issues.
- Offers secure bi-directional encryption.



## Works with SimpleAccess Access Control Software

- Eliminates costs of on-site personnel or expensive servers.
- Works with many of the most popular brands of locks.
- Offers one platform to manage all doors—from wired access readers, to gates and wireless smart locks.
- Easy-to-use and scalable to grow with your needs.



# WI-FI SMART LOCK SERIES Specifications

## Specifications

Users (PINs & Cards)	Up to 3500
Audits	Continuously updated and stored in SimpleAccess cloud. Up to 1,000 events stored on lock if offline.
Visual Communications	LED (Green & Red)
Audible Communications	<ul style="list-style-type: none"><li>• Audible Indicator on keypress (mute option available)</li><li>• Low-battery warning indicator after unlock</li></ul>
Passage Modes	Passage Mode and Auto-Lock Mode
Schedules	<ul style="list-style-type: none"><li>• Lock Schedule (lock/unlock weekly schedule)</li><li>• Up to 40 Access Schedules (M-F, 9-5)</li><li>• Up to 20 Access Exception/Holiday schedules</li><li>• Passage Mode Schedules (alter between passage and auto-lock)</li></ul>
Programming	Via keypad or wirelessly via the SimpleAccess App
Battery Life	<ul style="list-style-type: none"><li>• Uses 4 AA batteries</li><li>• Up to 18 months</li></ul>
Lockout	Defaulted to 5 incorrect entries, field configurable
Wi-Fi	Wi-Fi radio nominal power of 16.5dbm with an approximate range of 100 feet unobstructed
Connection Interval	Intermittent WiFi connectivity defaults to every hour and when keypad pressed. Connection interval can be adjusted between every 5 minutes to every 12 hours. Always On connection possible when using a 12v power supply.
Communication Standards	<ul style="list-style-type: none"><li>• 2.4 GHz WiFi (IEEE 802.11 b/g/n)</li><li>• WPA, WPA2</li><li>• HTTPS encrypted with TLS</li><li>• UDP channel with AES-128 encryption</li></ul>
Communication Ports	53, 80, 443, 55055, 55056 *Some firewall settings will also need to whitelist the lock's Mac Address
Operating Temperature	-31°F (-35°C) to 151°F (66°C)
Additional Functionality via Expansion Card	External power supply input (12-24V), Auxiliary inputs for external control panels & triggers to unlock.

## Smart Reader Specifications

Credential Technology	SmartCard (13.56 MHz)
Standards	ISO standard 14443
Maximum Range	Up to .75"
Smart Credential Compatibility	Secure sector compatibility: Kore26 CSN only compatibility: MIFARE Classic, DESFire, MIFARE, MIFARE DESFire EV1

## Credential/Access Options



**PIN CODES**  
(4-10 digits, mixed length accepted)



**REMOTE LOCK/  
UNLOCK VIA APP**



**READY PIN**  
(Algorithmic)



**SMARTCARD**

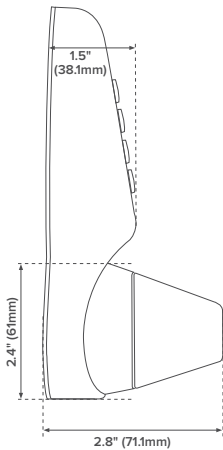
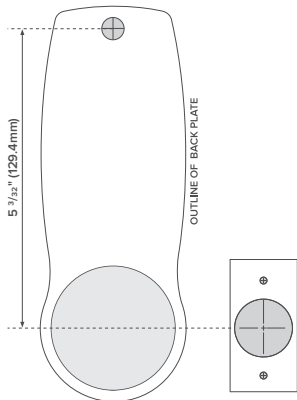
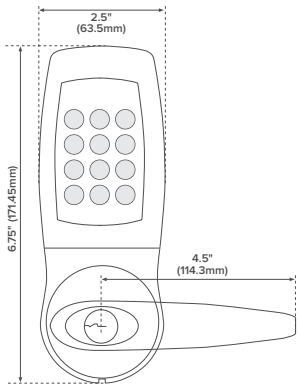


**MOBILE CREDENTIALS**  
(coming soon)



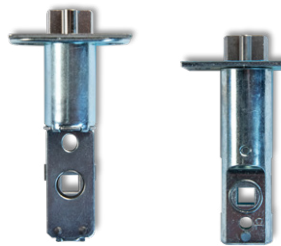
**KEY OVERRIDE**

# 4500 SERIES Mechanical Specifications



Environment:	Lighter duty, internal use or protected external use
Exterior Dimensions:	6.75 (H) x 2.5 (W) x 2.75 (D) in.
Interior Dimensions:	6.75 (H) x 2.5 (W) x 2.75 (D) in.
Weight:	5.75 lbs.
Backset:	2.375 in. (60 mm) and 2.75 in. (70 mm) supplied
Locking Devices:	Tubular latch included, Mortise latch available
Mortise Door Prep:	Standard ANSI 115.1 Mortise prep (86 cutout), modified with added through-bolt holes.
Tubular Latch Door Prep:	Standard ANSI A115.2 (160 and 161 cutouts)
Strike:	2.75 in. (for 1.375 in. door) and 4.875 in. (for 1.75 in. door) supplied
Construction:	Zinc Alloy with PVD (Physical Vapor Deposition) finish
Door Thickness:	1.375 - 2.375 in. (35 mm - 60 mm)
Door Handing:	Non-handed, field reversible
Batteries:	4 AA (Not Included)
Warranty:	1 year
Finishes:	Satin Chrome
Cylinder and Keys:	Removable 5-pin Schlage C (SC1 key)
Cylinder and Keys:	Removable 6-pin Schlage C core standard (SC4 key), SFIC core available

## Locking Device Option



### TUBULAR

2.375 in. (60mm) and  
2.75 in. (70mm) latch

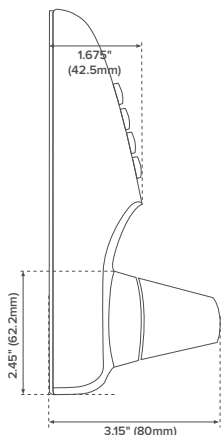
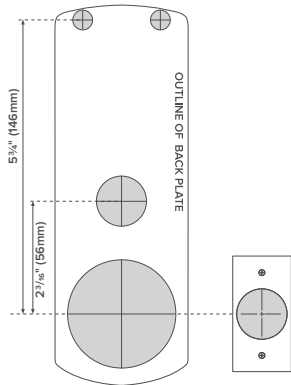
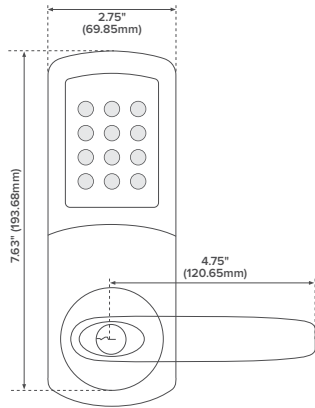


### MORTISE

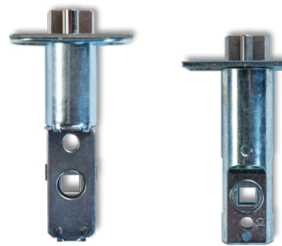


# 5500 SERIES Mechanical Specifications

Environment:	For normal internal and external use
Exterior Dimensions:	7.625 (H) x 2.75 (W) x 2.75 (D) in.
Interior Dimensions:	7.625 (H) x 2.75 (W) x 2.75 (D) in.
Weight:	7.90 lbs.
Backset:	2.375 in. (60 mm) and 2.75 in. (70 mm) supplied
Locking Devices:	Available with cylindrical, exit trim, and mortise options
Mortise Door Prep:	Standard ANSI 115.1 Mortise prep (86 cutout), modified with added through-bolt holes.
Tubular Latch Door Prep:	Standard ANSI A115.2 (160 and 161 cutouts)
Strike:	2.75 in. (for 1.375 in. door) and 4.875 in. (for 1.75 in. door) supplied
Construction:	Zinc Alloy, suitable for indoor & outdoor use
Door Thickness:	1.375- 2.375 in. (35 mm - 60 mm)
Door Handing:	Non-handed, field reversible
Batteries:	4 AA (Not Included)
Certifications:	ANSI/BHMA A156.25-2018, Grade 2, ANSI/BHMA A156.2-2017
Warranty:	1 year
Finishes:	Satin Chrome, Matte Black
Cylinder and Keys:	Removable 6-pin Schlage C core standard (SC4 key), SFIC core available



## Locking Device Option



### TUBULAR

2.375 in. (60mm) and 2.75 in. (70mm) latch

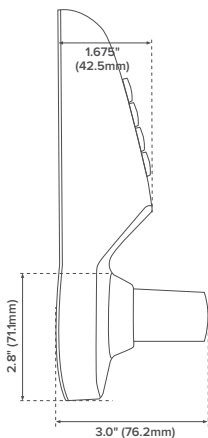
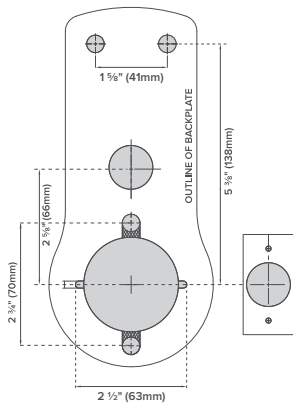
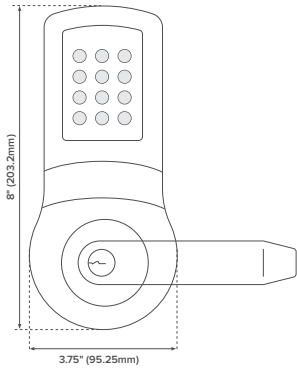


### MORTISE



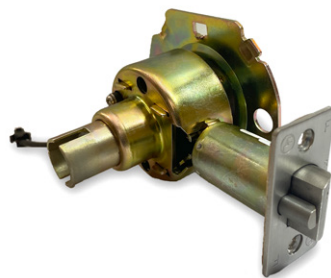
### EXIT BAR CONTROL

# 6500 SERIES Mechanical Specifications



Environment:	For high traffic applications, internal and external use
Exterior Dimensions:	8 (H) x 3.75 (W) x 3 (D) in.
Interior Dimensions:	8 (H) x 3.75 (W) x 3 (D) in.
Weight:	7.85 lbs.
Backset:	2.75 in. (70 mm)
Locking Devices:	Cylindrical retractor
Latch Door Prep:	Standard ANSI 115.2 (160 and 161 cutouts)
Strike:	2.75 in. (for 1.375 in. door) and 4.875 in. (for 1.75 in. door) supplied
Construction:	Zinc Alloy, suitable for indoor & outdoor use
Door Thickness:	1.375 - 1.875 in. (35 mm - 48 mm)
Door Handing:	Non-handed, field reversible
Batteries:	4 AA (Not Included)
Certifications:	ANSI/BHMA A156.25-2018, Grade 1, ANSI/BHMA A156.2-2017
Warranty:	1 year
Finishes:	Satin Chrome, Matte Black
Cylinder and Keys:	Removable 6-pin Schlage C core standard (SC4 key), SFIC core available

## Locking Device Option



**CYLINDRICAL**

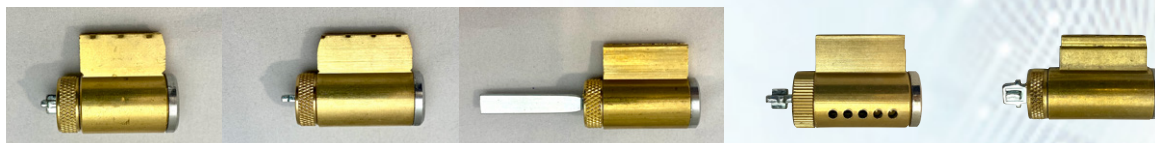
## Model Number Configuration

### 5560-WS-SC-626

1. Lock Series		2. Locking Device		3. Technology Options		4. Cylinder Options		5. Finish	
<b>4500</b>	Light Duty Series	<b>10</b>	Tubular Latch (4500 & 5500)	<b>W</b>	WiFi (4500 Only)	-	Removable Core (Standard)	<b>626</b>	Satin Chrome
<b>5500</b>	BHMA Grade 2 Series	<b>50</b>	US Mortise Lock (4500 & 5500)	<b>WS</b>	WiFi & Smart Card	<b>SC</b>	SFIC (5500 & 6500)	<b>676</b>	Matte Black (5500 Only)
<b>6500</b>	BHMA Grade 1 Series	<b>60</b>	Exit Device (5500 Only)	<b>WSB</b>	WiFi, Smart Card & Bluetooth (Coming Soon)	<b>LC</b>	LFIC (6500 Only)		
		<b>80</b>	Cylindrical Latch (5500 & 6500)						

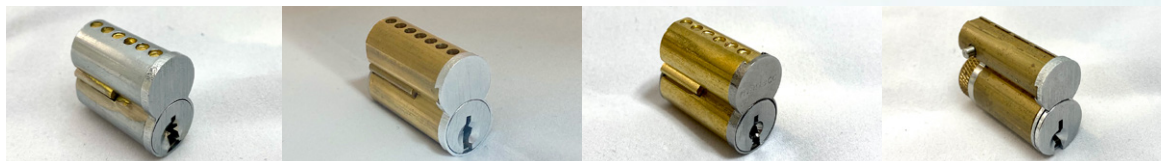
## Additional Options

### Standard Removable Cores



Compatible cylinder	STDKIK-5-626	STDKIK-6-626	STDKIKGR1-626	BA6KIK-626	ME6KIK-626
Compatible Locks	4500	5500	6500	5500, 6500	5500, 6500
Description	5-pin C Keyway (comes standard with lock)	6-pin C keyway (comes standard with lock)	6-pin C keyway (comes standard with lock)	6-Pin Restricted Keyway to prevent key duplication	6-pin High Security Cylinder for physical protection & key duplication prevention
Key Blank	SC1	SC4	SC4	Factory Restricted	Medeco Restricted

### Interchangeable Cores



Compatible cylinder	6PIN-SFIC-KWY	7PIN-SFIC-KWY	SFICX4-626	SCLFIC-626
Compatible Locks	5500, 6500	5500, 6500	5500, 6500	6500
Description	6-pin Small Format IC	7-pin Small Format IC	7-pin Medeco X4 Small Format IC	6-pin Large Format IC
Key Blank	KWY-1C, 1D, A, B, C, D, E, F, G, H, J, K, L, M, Q, R, DD, TB, TC, TD, TE, WA, WB, WC, WD, WG, WH	KWY-1C, 1D, A, B, C, D, E, F, G, H, J, K, L, M, Q, R, DD, TB, TC, TD, TE, WA, WB, WC, WD, WG, WH	Medeco Restricted	SC4

## Exit Bar (5500 SERIES ONLY)

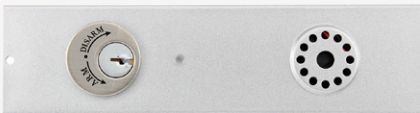
Model: 5500-R-36-32D



- Universal mount for use in institutions, schools, universities, and commercial buildings or where reliable operation is needed
- ANSI A156.3, Grade 1 exit device for surface mount rims
- UL Listed for Fire Exit Hardware 3 Hours
- Heavy gauge steel rail assemblies, stamped steel chassis with multiple mounting holes for easy installation
- Full size chassis of non-ferrous cast and steel construction with design allowing for through-bolt of trim.
- Non-handed for use on right or left opening doors
- Includes complete installation kit; latch-bolt strike, shims, fasteners, strike plates, mounting templates and easy instructions
- Fits 25in. to 36in. door (42 in. bar available) – may be used on 48 in. door
- For doors 1.75 in. – 2.25 in. thick with a 3.75 in. minimum stile

## Exit Bar Alarm Kit

Model: 5500-EAK SS



- Exit Alarm Kit for KIC5000 Series Exit Device
- Alarm Sounds when bar is pressed if armed
- Armed and disarmed by 1375 in. mortise key cylinder Schlage C 6-pin
- SFIC Housing available with or without core

## 5 in. Backset Kit

Model: 5500-5BK

INCLUDES: 2.75 in. latch, extension link, stainless steel sleeve and cylindrical cartridge.



## Expansion Board

Model: OE-EXP

The expansion board can be added to any of the 4500, 5500 and 6500 series locks for expanded capabilities and inputs.

- ① Direct Power Supply (12–24V)
- ② Auxiliary Input 1 for connection with external control panels for passage mode unlock
- ③ Auxiliary Input 2 for temporary unlock trigger

## Terminal Identification

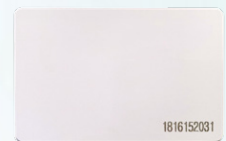
POWER- vdc	DC Input Voltage 12-24V / Maximum current draw 500mA
POWER - Gnd	Common negative (-) output (ground)
RELAY	Max switching Voltage 125 VAC, 60VDC / Max switching Current 1A / Min permissible load 1mA at 5VDC / Rated load 0.3 A at 125 VAC, 1 A at 24 VDC / Carry Current 1A
AUX1 - +ve	This is a configurable input terminal (NO/NC) designed to connect to the outputs of an external control panel. When triggered, the door will unlock and the ability to lock the door will be disabled until the circuit is reversed.
AUX1 - Gnd	Common negative (-) output (ground)
AUX2 - +ve	Unlock (Temporary Unlock – Will re-lock according to auto-lock timer)*
AUX2 - Gnd	Normally open contact. Requiring a momentary closed contact to activate.

## MIFARE Classic Cards, Fobs & Tags

MIFARE Classic 1K RFID, 13.56MHz ISO 14443A. Card numbers stored in secure sector.

### PRINTABLE CARD

Model: ACS-MC



### KEY FOB

Model: ACS-MK



### STICKY TAG

Model: ACS-MCST

