

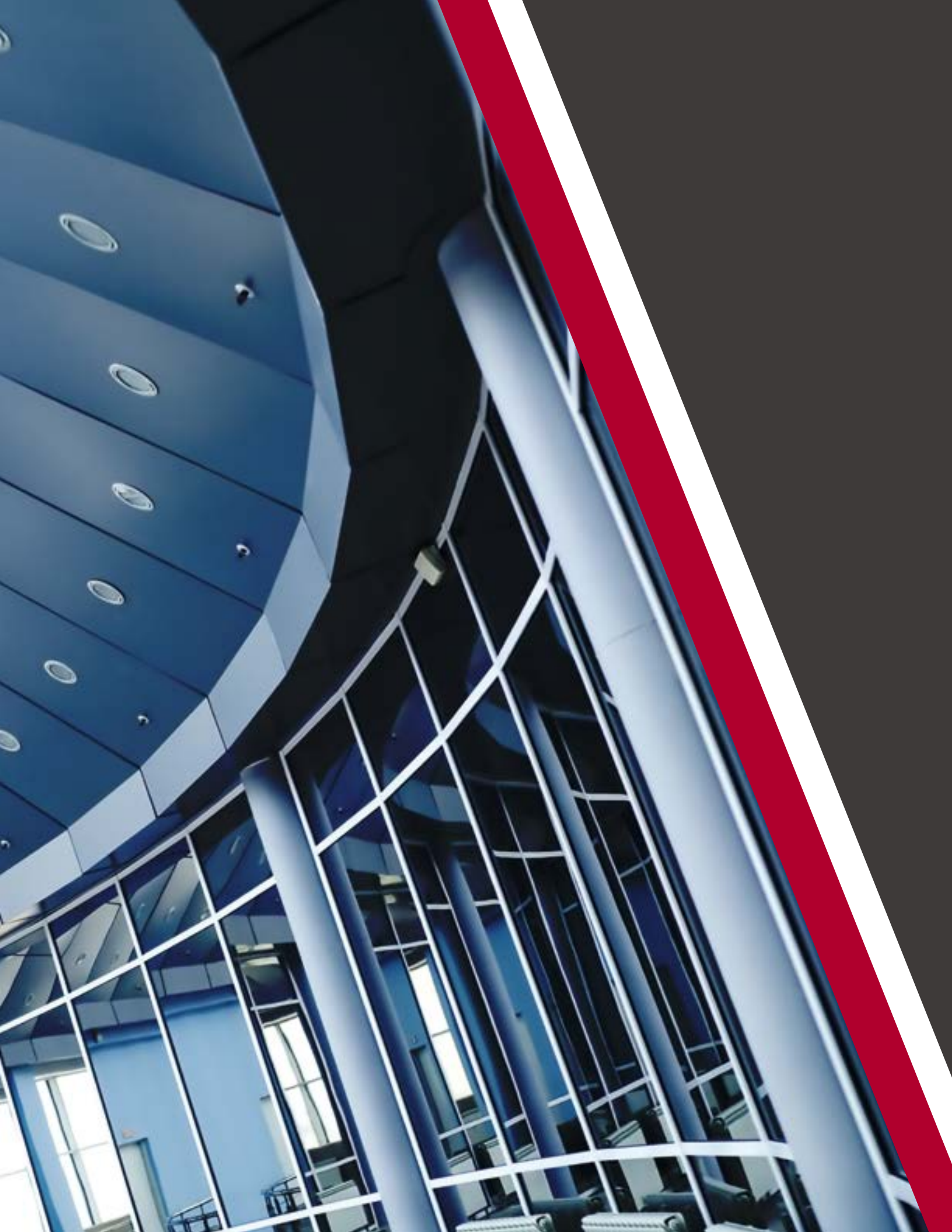


# **1** Series Standalone **Keyless Lock**

Intelligent. Secure. Convenient.



**klaccki**<sup>®</sup>  
life unlocked.



# Contents

Outstanding Products and Services . . . . .	2
Your KEY is not the key . . . . .	4
Your Own Choice of Unlocking . . . . .	6
Smart Card . . . . .	7
Transponder . . . . .	8
APPKEY®: Security and Convenience Within Your Grasp . . . . .	10
Convenient and Efficient Management Platform . . . . .	11
Trim Type . . . . .	13
i-01 Cylindrical Lock . . . . .	14
i-90/94(10/14*) Mortise Lock. . . . .	15
How to Order . . . . .	17







# Outstanding Products and Services

Klaccki is the prestigious brand of I-TEK Company that provides its customers all over the world with ANSI/BHMA Grade 1 and Grade 2 locks.

As a long-established brand, I-TEK has manufactured an extensive selection of products and has gained more than 50 years of design and manufacturing expertise in the architectural and security industry. Through the use of advanced CAD and simulation software, the most rigorous of testings and high-precision automated manufacturing processes, combined with a highly efficient management, we ensure that the highest quality products are delivered to our customers in time. Nowadays, Klaccki is known to offer professional and high-quality services throughout the world.

Meeting customers' needs and exceeding their expectations is Klaccki's unchanging philosophy. When using Klaccki's products, you will feel safe and secure, thus improving your lifestyle quality.





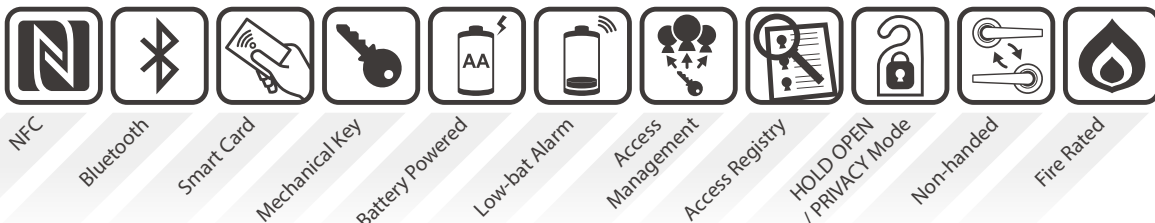
# Your KEY is not the key

Fast and contactless communication is the main advantage of the Radio Frequency Identification, or RFID. Utilizing the convenience of the RFID technology, the unlocking key of the **i**Series access control lock can be a smart card, a transponder or even a wearable device. Not a fan of the electronics? A mechanical key option is reserved to override unlocking of the lock due to your preference or when the battery is drained.

Further to bring convenience to your hands, the **i**Series access control lock is an frontier to the market that support both Bluetooth Low Energy (BLE) and NFC at the same lock from your mobile phone. The available smart phone app allows you to use your own devices to do more than just unlocking your lock.

The application of the **i**Series keyless lock is vast, including homes, offices, hotels, clinics or other small or medium businesses.

Key Type	<ul style="list-style-type: none"><li>• Smartphone with NFC/Bluetooth 4.0* capabilities.</li><li>• Mifare® smart card.</li><li>• Transponder.</li><li>• Mechanical Key.</li></ul> <p>* Bluetooth data transfer conforms to AES128 Encryption Standard.</p>
Unlocking Modes	<ul style="list-style-type: none"><li>• Standard mode (locking and unlocking determined by user).</li><li>• <b>HOLD OPEN</b> mode (constantly unlocked until reset back to standard mode).</li><li>• <b>PRIVACY</b> mode (all users' access denied until reset back to standard mode or when turning inside lever; administrator can access normally).</li></ul>
Master Card	<ul style="list-style-type: none"><li>• Add user: Approach master card to reader, press and hold the <b>HOLD OPEN</b> button; approach device that you want to authorize access.</li><li>• Delete user: Approach master card to reader, press and hold the <b>PRIVACY</b> button; approach device that you want to delete access.</li></ul>
Operating Temperature	<ul style="list-style-type: none"><li>• 32°F ~ 120°F (0°C ~ 49°C).</li></ul>
Power Source	<ul style="list-style-type: none"><li>• 6 AA alkaline batteries.</li></ul>
Battery Life	<ul style="list-style-type: none"><li>• Estimated battery life of 5,000 cycle; for 10 uses per day, it can last for 16 months.</li><li>• When lock is not in use, it will go into battery saving mode to reduce lock's standby power consumption.</li><li>• The low battery, the reader will beep and emit light to notify user.</li></ul>
User	<ul style="list-style-type: none"><li>• One administrator.</li><li>• Maximum of 500 users.</li></ul>
Access Management	<ul style="list-style-type: none"><li>• Smartphone required for management.</li><li>• Can store up to 10,000 audit trails.</li></ul>
Unlocking Time	<ul style="list-style-type: none"><li>• Adjustable locking time from 1~126 seconds.</li></ul>
Standard Cylinder	<ul style="list-style-type: none"><li>• 6-pin cylinder, with two nickel silver keys, compatible with Schlage® original cylinder.</li></ul>
I/C Core	<ul style="list-style-type: none"><li>• 6 or 7-pin, compatible with Best® and Falcon®.</li></ul>
Door Position Switch (DPS)	<ul style="list-style-type: none"><li>• When door is not properly closed or is forcibly opened, the DPS switch will detect and activate alarm to notify user or security of a possible intrusion.</li></ul>







# Your Own Choice of Unlocking

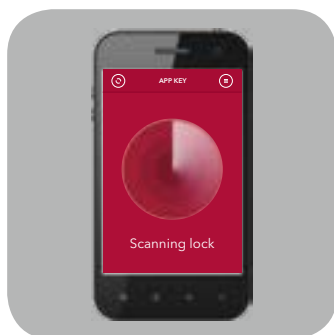
Whether it is regarding the application or the user's habits, everyone has their own needs and preferences to unlock the door; hence the **i Series** standalone keyless lock offers four different options for opening the door, all of which can fulfill your needs.



The smart card is slim and light, can be easily and quickly authorized in number. It's convenient to carry around and can be setup to open multiple doors.



The transponder is small in size and can be attached to your keychain. It can be setup to open multiple doors.



The smartphone provides you with the most complete access control service. Not only it becomes a multifunctional digital key, the APPKEY® APP user interface allows user to quickly learn and use. Using the smartphone's NFC or Bluetooth function one can unlock the door as well as manage it.



The mechanical key can be used for emergency situations such as power or electronic failure.

# Smart Card

The smart card is suitable for giving temporary access to users, such as hotel guests, visitors or friends and relatives. Its use can be vast, not only can it be used to unlock doors, but it can also be used with other equipment such as elevators, computers, rental systems, etc.

When using the smart card there is no contact or friction with the lock, which prevents scratching and wearing of the products in use. smart cards are resistant to demagnetization, scratching and water. Also, a smart card can be used over again, which makes it much more cost-effective than magnetic cards or other devices.



- The factory smart cards can be set up as master cards, even without a smartphone you can perform simple access authorization.
- Two smart card designs available: regular or staff ID.
- When in PRIVACY mode, only the master card can be used to access.

## Note:

- \* The master card is only used for adding and removing users' authorizations and cannot be used for access. However, a master card for one lock can also become a user card for another lock.
- \* The master card and the administrator phone cannot exist simultaneously.

## Specifications

Standard	• Conforms to ISO/IEC 14443-A standard.
Card Type	• Mifare® Classic, Mifare® DESFire, Mifare® Plus.
Frequency	• 13.56 MHz.
Material	• PVC.
Size	• 3-3/8" × 2-1/8" × 1/32" (85.6mm x 54mm x 0.8mm).





# Transponder

If you are tired of having to carry around a huge bundle of keys every time you go out, the transponder is a perfect choice for you.

The transponder's material is durable and light, once you use it you will notice how the weight of your keys is lessened. If you have several **i** Series standalone keyless locks, you can access through all of them using a single transponder, carrying less burden with you.

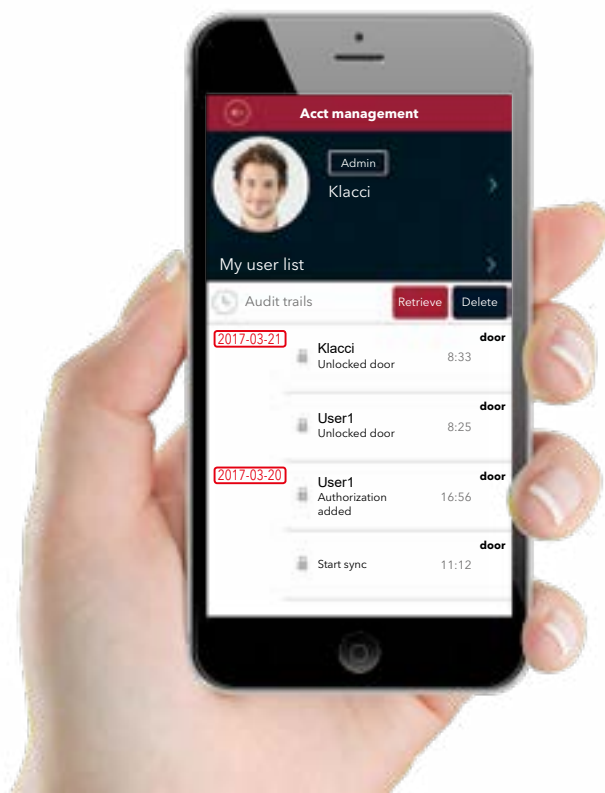
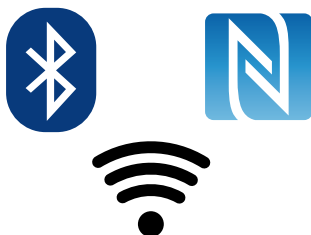
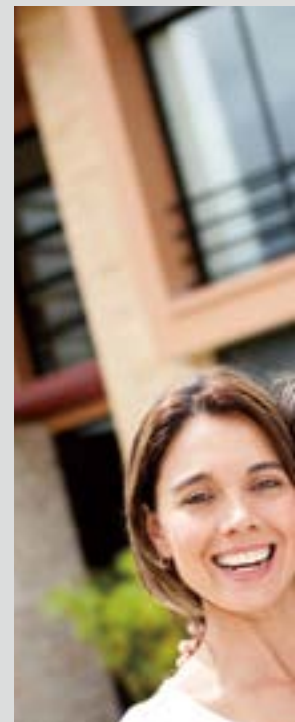


## Specifications

Standard	• Conforms to ISO/IEC 14443-A standard.
Water and Dust Resistance	• IP66.
Frequency	• 13.56 MHz.
Material	• Durable synthetic resin.
Size	• 1-3/4" × 1-3/16" × 3/32" (45 mm × 30 mm × 2.3 mm).



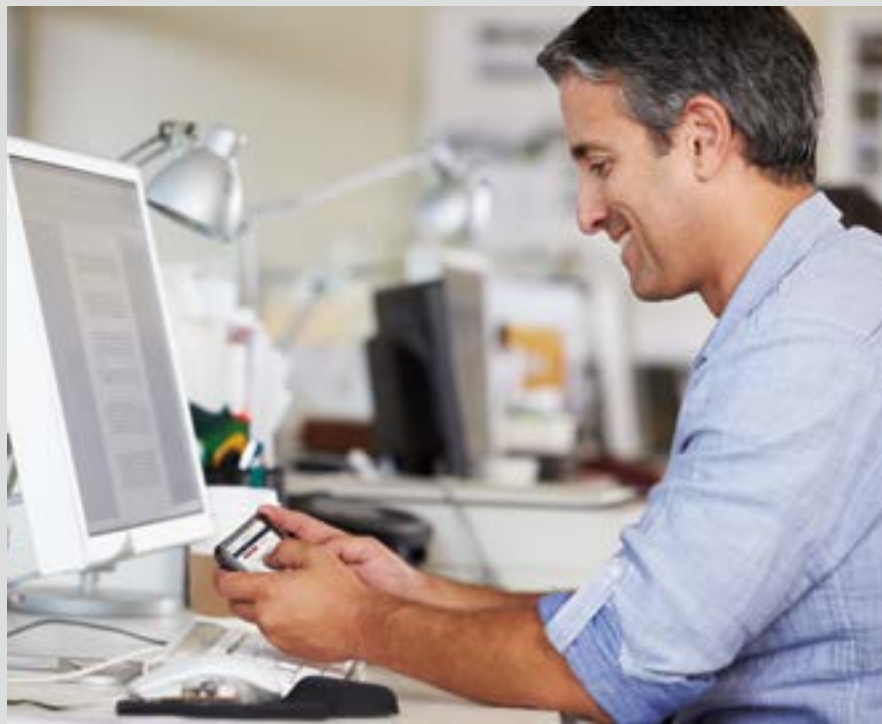
# APPKEY®: Security and Conv



With a NFC or Bluetooth 4.0 capable device, you can operate and manage your lock.

\* Note: Depending on the smartphone used, the actual connectivity during operation may differ.

# enience Within Your Grasp



**Smartphones have become an indispensable tool in our daily lives. By downloading the APPKEY® mobile APP into your smartphone, you can upgrade it even more, your digital keys are integrated into your smartphone, so that you no longer need to worry about forgetting your keys. With a smartphone in hand, access and management can be done easily.**

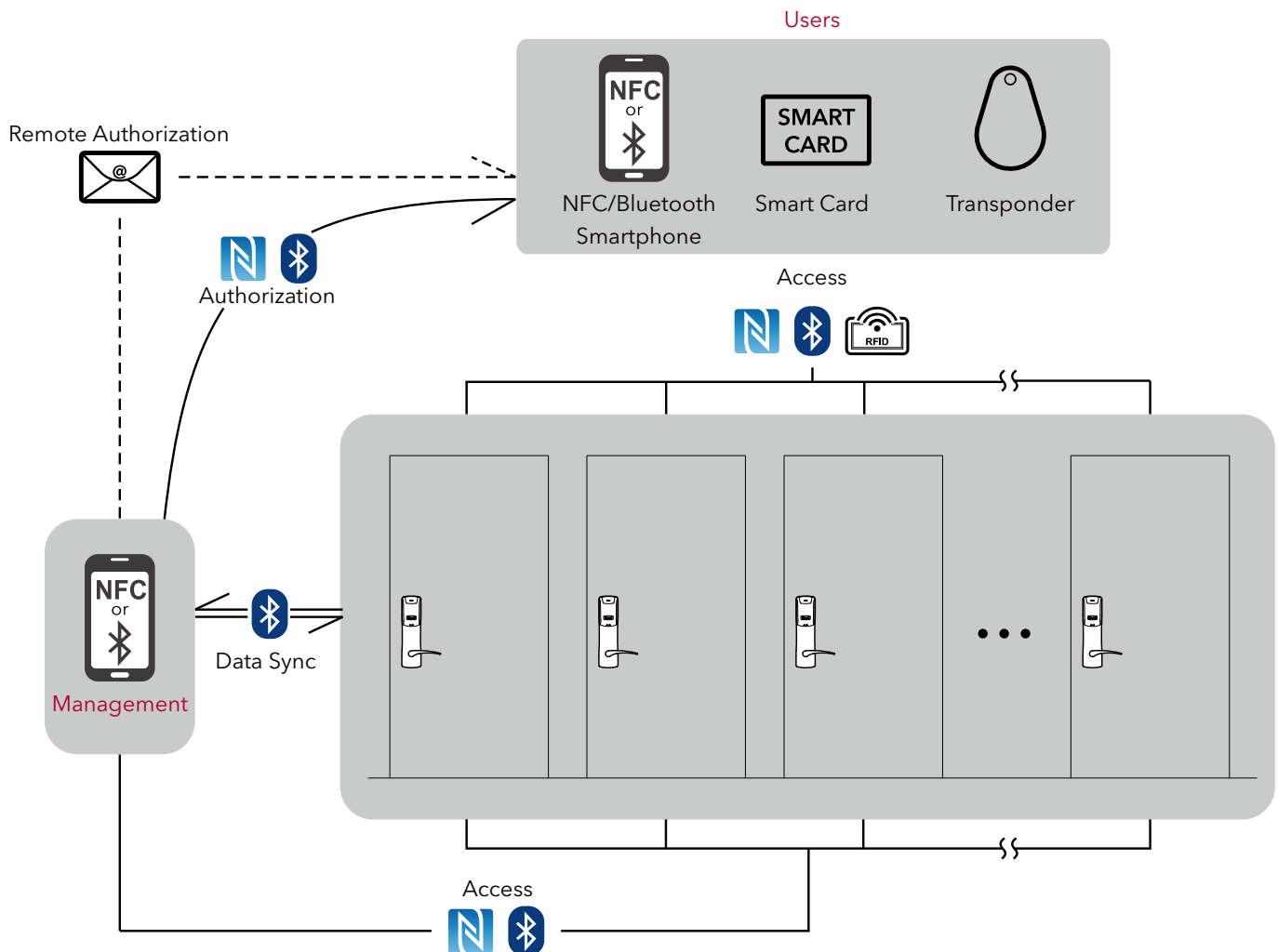
- The APPKEY® mobile APP\* provides an access control platform where you add, remove and manage user authorization, besides editing users' personal information.
- A single smartphone can manage multiple locks, so your overall management has no limits\*\*.
- The administrator phone can view all access records.
- Special access conditions can be set for every user, such as limiting the access period or date.
- No more searching for keys, use your smartphone instead.
- You no longer have to worry when losing your keys. The administrator can quickly delete the authorization of lost smart cards or smartphones, or resetting the administration rights.
- Temporary authorization to other smartphones can be remotely granted via e-mail.

\* The APPKEY® mobile APP is compatible with Android 5.0/iOS 8.0 and above operating system.

\*\* The available number of locks managed is dependent on the administrator phone's memory capacity and each lock's number of users authorized.

# Convenient and Efficient Management Platform

No matter what kind of application, APPKEY® allows you to have the control of your doors in your hand. No need for additional wiring or complex and expensive management software. You can experience the convenience of the latest IoT technology, no longer having to worry about your access control management.



- The administrator phone can use NFC or Bluetooth to grant access to user phones, smart cards or transponders. It can also write new authorization data into the lock using Bluetooth technology.
- User device can access multiple doors. Each access will leave an access registry and can be viewed by the administrator once the administrator syncs their devices with the lock.
- Remote authorization: in case the administrator needs to grant access to a user but cannot be present, an e-mail with an encrypted temporary access code can be sent to the user's e-mail account.





# Trim Type

The **i**Series standalone keyless lock not only provides the convenience of communication technology, but it also integrates the security and strength of the mechanical locks. Being the product's core, we ensure the lock's mechanical design conform with America's strictest Grade 1 standard and UL/cUL listed for 3 hours fire rating, to guarantee that you receive the highest quality and most reliable product, so that you can feel convenience and security at the same time.

## Trim Design



Escutcheon Type

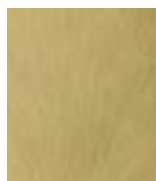


Sectional Type

## Finish



605  
Polished Brass



606  
Satin Brass



611  
Polished  
Bronze



612  
Satin Bronze



613  
Dark Oxidized  
Satin Bronze



625  
Polished  
Chrome



626  
Satin Chrome

# i-01 Cylindrical Lock



- Strong and durable chassis.
- Spindle design prevents lever sagging.
- Quick and easy installation.
- Spindle design allows the interchanging of standard and I/C cylinders.

## Lock Specifications

<b>Certification</b>	<ul style="list-style-type: none"><li>• Conforms to UL294 Access Control System Units and CAN/ULC-60839 Electronic Access Control Systems standards.</li><li>• Conforms to ANSI/BHMA A156.2 Grade 1 Cylindrical Lock standard.</li><li>• Conforms to ANSI/BHMA A156.25 Electrified Locking Devices standard.</li></ul>
<b>Fire Rating</b>	<ul style="list-style-type: none"><li>• UL/cUL listed for 3-hour fire rating.</li></ul>
<b>Backset</b>	<ul style="list-style-type: none"><li>• 2-3/4" (70 mm) standard, 2-3/8" (60 mm), 3-3/4" (95 mm) and 5" (127 mm) optional.</li></ul>
<b>Door Range</b>	<ul style="list-style-type: none"><li>• 1-3/8" (35 mm) to 2" (51 mm) wood or metal door.</li></ul>
<b>Latchbolt</b>	<ul style="list-style-type: none"><li>• 1/2" (12.5 mm) throw, UL listed, faceplate self-adjusted.</li></ul>
<b>Handing</b>	<ul style="list-style-type: none"><li>• Non-handed.</li></ul>

## Trim

### Lever



D



Q



A

### Cylinders



Standard Cylinder



SFIC I/C Core



FSIC I/C Core



# i-90/94(10/14\*)

## Mortise Lock



- Lock is embedded into the door, its concealed installation prevents from damage inflicted by outside factors.
- Strong latchbolt resistant to impacts and intrusions. deadbolt adds another level of security.
- When the door is closed, the auxiliary latchbolt ensures that the latchbolt cannot be retracted in unusual ways, thus preventing intrusion attempts.

\* 10/14 for one piece latch.

### Lock Specifications

<b>Certification</b>	<ul style="list-style-type: none"><li>• Conforms to UL294 Access Control System Units and CAN/ULC-60839 Electronic Access Control Systems standards.</li><li>• Conforms to ANSI/BHMA A156.13 Grade 1 Mortise Lock standard.</li><li>• Conforms to ANSI/BHMA A156.25 Electrified Locking Devices standard.</li></ul>
<b>Fire Rating</b>	<ul style="list-style-type: none"><li>• UL/cUL listed for 3-hour fire rating.</li></ul>
<b>Backset</b>	<ul style="list-style-type: none"><li>• 2-3/4" (70 mm).</li></ul>
<b>Door Range</b>	<ul style="list-style-type: none"><li>• 1-3/8" (35mm) to 2" (51 mm) metal door.</li><li>• 1-3/4" (45 mm) to 2" (51 mm) wood door.</li></ul>
<b>Deadbolt</b>	<ul style="list-style-type: none"><li>• Stainless steel, 1" (25 mm) throw.</li></ul>
<b>Latchbolt</b>	<ul style="list-style-type: none"><li>• Stainless steel, with anti-friction tongue, 3/4" (19 mm) throw.</li></ul>
<b>Handing</b>	<ul style="list-style-type: none"><li>• Non-handed.</li><li>• Handed for specific lever designs.</li></ul>
<b>Spacing</b>	<ul style="list-style-type: none"><li>• 3-5/8" (92 mm) mm center cylinder to spindle.</li><li>• 2-7/16" (62 mm) mm center thumbturn to spindle.</li></ul>
<b>Case Size</b>	<ul style="list-style-type: none"><li>• 4-5/16" x 6" x 1" (110 mm x 152 mm x 25 mm).</li></ul>

# Trim

When ordering, combine the letter representing the type of handle with the number for the type of cylinder. E.g.: K4 stands for K type Lever handle with I/C core cylinder for escutcheon trim.

## Lever



D



Q



K



EU



MR



KA



AH



HA\*



BF\*



CR



SR

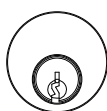
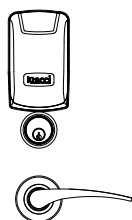


SQ

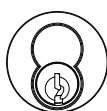
\* Specify door handing.

## Cylinders

### Sectional Type

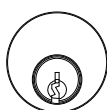
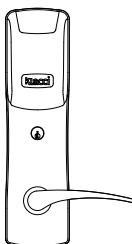


Full-face  
Standard  
(#1)

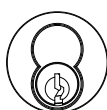


Full-face  
(I/C Core)  
(#2)

### Escutcheon Type



Full-face  
(Standard)  
(#3)



Full-face  
(I/C Core)  
(#4)



Concealed  
(Standard)  
(#5)



Concealed  
(I/C Core)  
(#6)

# How to Order

## Mortise Lock

Ordering Example													
	i-90	0	6	1	1	626	AH6	Z	1	1	1	1	L
<b>Model</b>													
<b>i-90</b> Without deadbolt													
<b>i-94</b> With deadbolt													
<b>i-10</b> One piece latch (Without deadbolt)													
<b>i-14</b> One piece latch (With deadbolt)													
<b>Type</b>													
<b>0</b> Sectional													
<b>1</b> Escutcheon													
<b>Batteries</b>													
<b>6</b> Six AA batteries													
<b>Door Position Switch (DPS)</b>													
<b>0</b> None													
<b>1</b> Door Position Switch (DPS)													
<b>Waterproof Gasket</b>													
<b>0</b> None													
<b>1</b> With waterproof gasket													
<b>Finish</b>													
605 (US3)	611 (US9)	613 (US10B)	626 (US26D)										
606 (US4)	612 (US10)	625 (US26)	630 (US32D)										
<b>Trim</b> (see page 16)													
<b>Lever Material</b>													
<b>Z</b> Pressure zinc cast (for lever type: D, Q, K, AH, EU, MR, KA, HA, BF)													
<b>B</b> Forged solid brass (for lever type: D, Q, K, AH, CR, SR, SQ)													
<b>Core</b> (see page 16)													
<b>0</b> Less cylinder housing	<b>2</b> I/C full-face with core	<b>4</b> I/C concealed with core											
<b>1</b> 6-pin standard cylinder	<b>3</b> I/C full-face less core	<b>5</b> I/C concealed less core											
<b>Armor Front</b>													
<b>1</b> 1-1/4" (32 mm) width square corner	<b>3</b> 1-1/16" (27 mm) width square corner												
<b>2</b> 1-1/4" (32 mm) width 1/4" radius corner	<b>4</b> 1-1/16" (27 mm) width 1/4" radius corner												
<b>Strike</b>													
<b>1</b> Square corner with lip	<b>2</b> 1/4" radius corner with lip	<b>3</b> Square corner without lip	<b>4</b> 1/4" radius corner without lip										
<b>Door Thickness</b>													
<b>Escutcheon Type</b>													
<b>1</b> 1-3/8" ~ 1-3/4" (35mm ~ 45mm)	<b>2</b> 1-3/4" ~ 2" (45mm ~ 51mm)												
<b>Sectional Type</b>													
<b>3</b> 1-3/8" ~ 2" (35mm ~ 51mm)	<b>4</b> 2" ~ 2-9/16" (51mm ~ 65mm)												
<b>Handing</b>													
<b>L</b> Left-handed	<b>R</b> Right-handed												

**Note:** Please contact factory for special requests.

## Cylindrical Lock

Ordering Example												
	i-01	1	6	1	1	626	A	1	3	D27	MK	2
<b>Model</b>												
<b>i-01</b>												
<b>Type</b>												
<b>0</b> Sectional	<b>1</b> Escutcheon											
<b>Batteries</b>												
<b>6</b> Six AA batteries												
<b>Door Position Switch (DPS)</b>												
<b>0</b> None	<b>1</b> Door Position Switch (DPS)											
<b>Waterproof Gasket</b>												
<b>0</b> None	<b>1</b> With waterproof gasket											
<b>Finish</b>												
605 (US3)	611 (US9)	613 (US10B)	626 (US26D)									
606 (US4)	612 (US10)	625 (US26)	630 (US32D)									
<b>Trim</b> (see page 14)												
<b>A</b> A type lever	<b>D</b> D type lever											
<b>Q</b> Q type lever												
<b>Cylinder</b> (see page 14)												
<b>1</b> Standard	<b>2</b> SFIC											
<b>3</b> FSIC												
<b>Backset</b>												
<b>1</b> 2-3/8" (60 mm)	<b>2</b> 2-3/4" (70 mm)											
<b>3</b> 3-3/4" (95 mm)												
<b>4</b> 5" (127 mm)												
<b>Strike</b>												
<b>B27</b> T-Strike	<b>CR27</b> Full Lip 1/4" Radius Corner Strike											
<b>D27</b> ANSI Strike												
<b>Keying</b>												
<b>KD</b> Keyed-different	<b>KA</b> Keyed-alike											
<b>MK</b> Master keyed												
<b>Rose Design (For sectional type only)</b>												
<b>1</b> One-step	<b>2</b> Two-step											

**Note:** Please contact factory for special requests.

### Warranty

Klacci ("Company") warrants to the original purchaser ("Purchaser") that the products manufactured and provided under the Klacci® brand shall be free of defects in material and workmanship under normal use and service as follows: (a) mechanical locks for 5 years; (b) electrified products for 1 year, and (c) finishes for 1 year. The Purchaser shall be obligated to store, transport, install, maintain and operate the products in accordance with good practice and reasonable maintenance works, and has followed specific instructions from the Company. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, Klacci may repair or replace the product.

The present warranty does not cover:

1. Scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals.
2. Normal wear and tear.
3. Lack of proper maintenance.
4. Abuse or any damage caused by improper installation, sabotage or misuse of the product.
5. Improper storage, shipping and handling.
6. Failure to follow instructions or guidelines provided by the Company.

Klacci makes no representations or warranties concerning any modification or installation along with other brand products that can potentially impact its intended operation or cause malfunction. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please follow its installation instructions accordingly or consult with a code specialist or local code official (authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- The warranty becomes effective from the date of shipment.

Contents in this catalog are for reference and illustration only. Shipments subject to actual productions. Please consult factory for final discretion.

These products and systems are under patent protection, counterfeiting not allowed.



**klacci**<sup>®</sup>  
life unlocked.



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