

klacci[®]
life unlocked.



ik⁺
Series

ANSI Grade 1
Smart Lock

Contactless Smart Keypad Lock

Intelligent. Secure. Convenient.



Creating a Safer and Healthier Community by Touchless Solutions

The touching surface of door hardware in high traffic and public use areas fabricates a perfect environment for harmful microbial to cultivate. The door hardware industry being the battlefield to navigate the rapidly evolving landscape, is quickly adopting the COVID-19 protocols to reduce the number of touchpoints in buildings especially at door opening.

COVID-19 has changed the lifestyle and the way how people interact with each other every day. Commercial businesses or government buildings are focusing not just on the safety, but also the wellness of their employees and customers more than ever. Minimizing health risks to the building occupants have becoming the next foremost important factor next to safety and security.

Never worry about that keypad was being touched by many people again. The touching surface of door hardware in high traffic and public use areas fabricates a perfect environment for harmful microbial to cultivate. Infections of the harmful microbial have becoming a rising public safety concern. The iK+ transforms the traditional way of unlocking a keypad lock to a contactless way with the option of using the RFID smart card. Keeping the product safe and clean for you to use.

We protect and care for our community.



iK⁺ Contactless Smart Keypad Lock

Unlock it, without touching it

Comes standard with choices of unlocking method including smart card and passcode, which brings the advantage of faster access time yet with security in mind. Not only proximity contactless, the **iK⁺** Series is offering a powerful mix among performance, convenience, security and flexibility from what the smart card can be provided.



Performance

Proximity contactless verification time of less than 1 second, giving users the maximum speed to access with longer card reading distances.¹

Convenience

Electronic credentials can be quickly assigned or revoked by the administrator at the lock. It is just that easy to adjust your access authorization for either longer term or temporary access users.

Security

The smart card is completely secured by secure messaging. Accessing data stored is protected by up to AES 128-bit encryption.²

Flexibility

Fully compliant with the contactless proximity smart card protocol according to ISO14443A/B. The electronic key available in multiple formats such as tag or transponder to fit your preference.

Note:

1. Time and proximity distance of about 0.75" may vary depending on type or format of the electronic credential is used.

2. Crypto algorithms based upon card types.



Making Life Simple



Nothing denotes convenience better than going keyless when it comes to access control.

The **iK⁺** Series Smart Lock offers you a quick and easy way of entry to your premises and takes away the burden of having to carry a key to open the door. With a simple Smart card or passcode input you can access in a matter of seconds.

This product has been designed for flexible and easy installation, as it fits into a standard cylindrical lock door preparation and is suitable for a wide range of applications, including homes, B & Bs, offices, hotels, clinics, among many others.



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Keeping You Safe, Secure and Well

Safety and security have always been the main concern and priority when choosing a lock. That is why Klacci ensures that our products bring you the security and comfort that you deserve.

The **iK⁺** Series Smart Lock complies with the most rigorous standards and testing in the market as an ANSI/BHMA Grade 1 product, having a robust and durable core lock that can withstand forceful entry attempts.

The electronics are certified for the ANSI/BHMA A156.25 Electrified Locking Devices and UL294 Standard for Access Control System Units, with the complete lock tested for UL 3 Hour Fire Rating. The **iK⁺** provides you an all-around protection from all types of threats and hazards.

The lock's dummy passcode function can be activated if needed, which enables users to randomly input a string of dummy codes before entering the access passcode, countering anyone who tries to decode the passcode via peeking or fingerprint tracing.

For added security, the system has an automatic lockout mechanism that disables passcode input for one minute after 5 failed attempts, preventing anyone from figuring out the passcode via trial and error.



Fast and Convenient

The **iK⁺** Series Smart Lock has been designed for fast and convenient operation. The passcode verification time is less than 1 second and will automatically lock after usage. User passcodes can be added or removed with ease, and one specific set of passcodes can be deleted without erasing or affecting the rest of the passcodes. For the case that the administrator's passcode is forgotten, the lock can be reset to default.

Being battery powered means that complicated door preparation and wiring are not necessary, and installation can be quickly achieved by simply using a Phillip screwdriver.

Apart from its normal operating mode, it features a Hold Open mode, which sets the lock in a continuously unlocked mode, removing the need of having to input a passcode for every access, perfect for high-traffic locations such as offices. Also, a Privacy mode can be activated to temporarily disable all user codes for case where you do not want to be disturbed. Such feature does not disable the administrator's passcode.



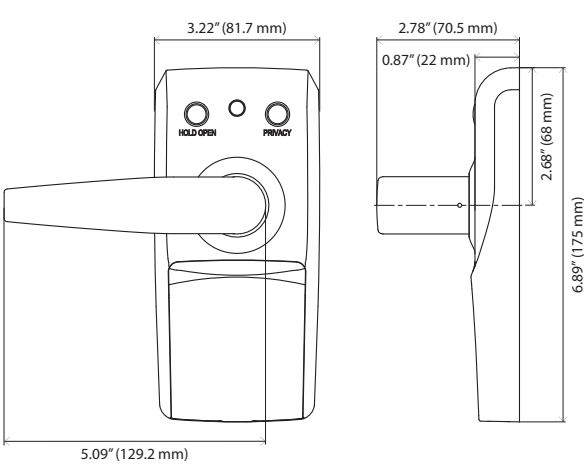
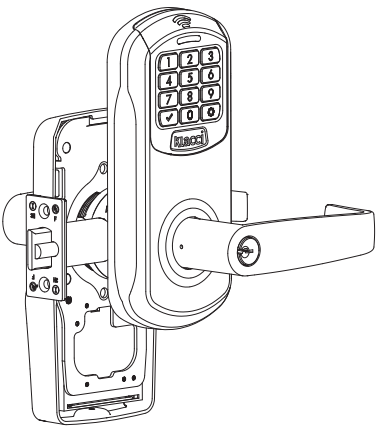
Inside View



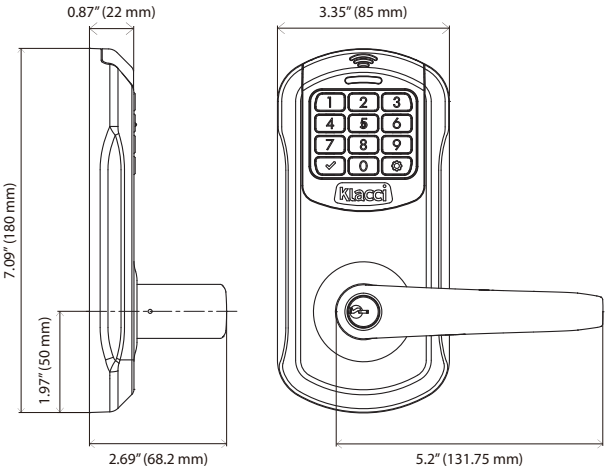
Features

- Fast passcode verification time of less than 1 second.
- Code capacity allows 1 admin code, up to 10 Manager, 500 User and 5 Service codes.
- The administrator can decide the length of the user's passcode, between 4~8 digits.
- Passcode and smart card credentials can be quickly assigned or revoked by the administrator.
- The smart card is suitable for assigning or revoking access to long term or temporary users.
- Transmission of the smart card is completely secured by secure messaging.
- Low battery warning will notify users to replace batteries.
- Passcode data will not be erased after replacing batteries, power outage or not using it for a long period of time.
- Keypad with key operating sounds that can be toggled on and off.
- Non-handed, field reversible to be installed in left and right-handed doors.
- Key override for emergency situations such as power or electronic failure.
- The HOLD OPEN or PRIVACY mode can be turned on/off by the administrator.
- The duration of HOLD OPEN mode can be preset from 1 to 23 hours, or without time limit.
- Dual color LED visual indicator and audible alert.
- Conforms to ANSI/BHMA A156.2 Grade 1, A156.25, UL 294, CAN/ULC-60839 Access Control System Standards, UL10C, ADA, FCC Part 15, Industry Canada (IC).
- Clutch function available: when locked, the outside lever will disengage from the lock mechanism and rotate freely.
- Manufacturer warranty: Mechanical parts for 5 years, electrified parts for 1 year, and finishes for 1 year.

Dimensions



Inside View



Outside View

Trims

Made of high-quality zinc alloy and available in wide range of finishes.



D



Q



A

Finishes



605
Polished Brass



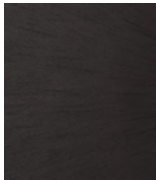
606
Satin Brass



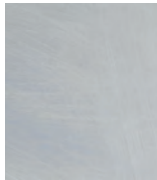
611
Polished Bronze



612
Satin Bronze



613
Dark Oxidized
Satin Bronze



625
Polished Chrome



626
Satin Chrome



Specifications

Electronic Specifications

Certification/Compliance	<ul style="list-style-type: none">• ANSI/BHMA A156.25.• UL294 for Access Control System Units.• CAN/ULC-60839 for Electronic Access Control Systems.• FCC Part 15.• Industry Canada (IC) Certification.• Meets the ADA Standards.
Key Type	<ul style="list-style-type: none">• Passcode input.• Smart Card.• Mechanical Key.
Unlocking Modes	<ul style="list-style-type: none">• Standard mode.• HOLD OPEN mode (constantly unlocked until reset back to standard mode).• PRIVACY mode (all users' access denied until reset back to standard mode or when turning inside lever; administrator can access normally).
Operating Temperature	<ul style="list-style-type: none">• 0~49 °C.
Power Source	<ul style="list-style-type: none">• Up to 2 years with 4 AA alkaline batteries.
User	<ul style="list-style-type: none">• Manager: Up to 10 managers.• User: Up to 500 users.• Service: Up to 5 services.
Access Management	<ul style="list-style-type: none">• One administrator (Admin's passcode length is of 6 digits).• The administrator determines the passcode's length, between 4~8 digits.• The administrator can individually add or delete user's passcode.
Unlocking Time	<ul style="list-style-type: none">• ≤ 1 second.
Operation Interface	<ul style="list-style-type: none">• Dummy passcode function (12~16 dummy digits can be added before the passcode).• Automatic lockout mechanism activated for 1 minute after 5 failed attempts.
Maximum read range	<ul style="list-style-type: none">• Up to 0.75" on 13.56 MHz Smart Card.
Style/layout	<ul style="list-style-type: none">• 12 button, 3x4 matrix keypad.

Smart Card Specifications

Standard	<ul style="list-style-type: none">• Conforms to ISO/IEC 14443-A standard.
Card Type	<ul style="list-style-type: none">• Mifare® Classic, Mifare® DESFire, Mifare® Plus.
Frequency	<ul style="list-style-type: none">• 13.56 MHz.
Material	<ul style="list-style-type: none">• PVC.
Size	<ul style="list-style-type: none">• 3-3/8" × 2-1/8" × 1/32" (85.6mm x 54mm x 0.8mm).

Mechanical Specifications

Certification/Compliance	<ul style="list-style-type: none">• UL listed for "A" label (3 hours) single swinging door (4'x8').• Conforms to ANSI/BHMA A156.2 Grade 1 Cylindrical Lock standard.• UL10C Standard for positive pressure fire tests of door assemblies.
Doors & Preparations	<ul style="list-style-type: none">• ANSI A115.2, through bolted installation.
Backset	<ul style="list-style-type: none">• 2-3/4" (70mm) standard, 2-3/8" (60mm), 3-3/4" (95mm) and 5" (127mm) optional.
Door Thickness	<ul style="list-style-type: none">• Standard 1-1/2" (38mm) ~ 2" (50.8mm) wood or metal door.• Please consult factory for thicker door availabilities.
Latchbolt	<ul style="list-style-type: none">• 1/2" (12.5mm) throw, UL listed, faceplate self-adjusted, 3/4" (19mm) throw fire door deadlatch available.
Handing	<ul style="list-style-type: none">• Non-handed.
Strike	<ul style="list-style-type: none">• ANSI strike standard, T-strike or Full lip strike optional.
Cylinder	<ul style="list-style-type: none">• 6-pin "C" keyway standard, nickel silver keys, compatible with Schlage® original cylinder.
I/C Core	<ul style="list-style-type: none">• SFIC: 6 or 7-pin, compatible with Best® and Falcon® original cylinder.• FSIC: 6-pin, compatible with Schlage® original cylinder.
Trim	<ul style="list-style-type: none">• Solid zinc diecast, concealed screws.

About Klacci

Klacci, a registered brand of the world-renowned I-TEK Company, provides the commercial and residential markets with second to none access control and lock products. The company offers an extensive selection of mechanical, electrical, and biometric locks that reflect the demands of today's modern lifestyle.

Klacci's drive for design excellence and innovation is only matched by I-TEK's manufacturing expertise which spans more than five decades.

Safety and Security

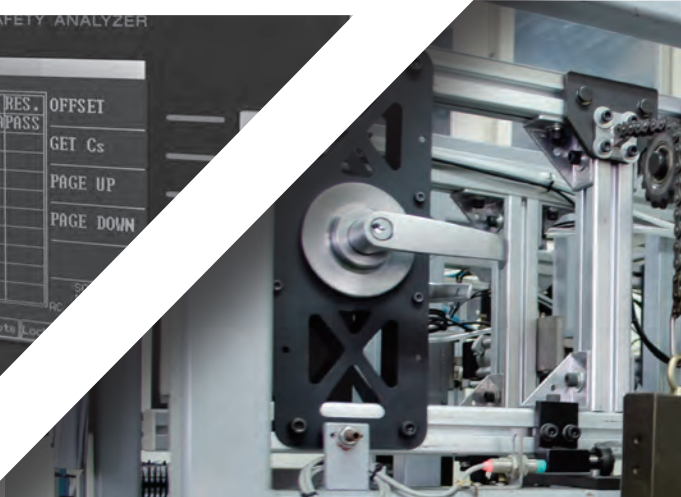
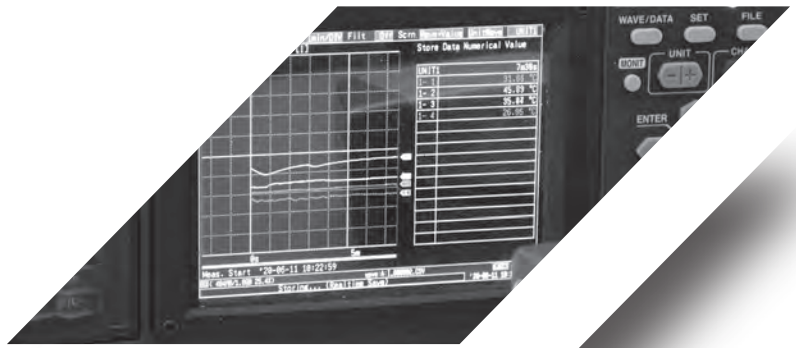
Klacci, a registered member of the Builders Hardware Manufacturers Association (BHMA), possesses an Intertek certified and ISO17025 compliance laboratory within its facility, one of the few in Asia.

Before our products are sold and installed, our laboratory performs various and rigorous testing procedures to make sure all our products meet and exceed the minimum requirements that are specified and meet the respective standards of ANSI/BHMA, UL, ASTM, etc.

Certificates

All products are continuously certified under the Follow-up Service Program to meet the most updated mechanical lock and electrical access control standards. The UL10C Standard for Positive Pressure Fire Tests listing of our products is part of Klacci's commitment to life safety and security.





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