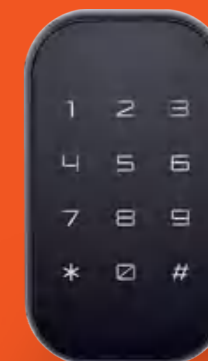


BE-TECH

SMART LOCKING SOLUTION

Smart Door Lock, Smart Locker Lock, Access Control



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ID:04-BTHA19C2604-E1-01

BE-TECH

Be-Tech has continued to lead the market by continuously launching innovations, research & development and modern manufacturing technology to the company since establishment in 1992, Be-Tech is dedicated towards providing electronic security solutions to the hospitality industry, rental condominiums, private apartments, hostel and facilities where people need smart security solutions, each solution with smart lock is designed to meet our client's needs for security, organization and convenience, and is recognized as the expert and leader within the industry.

Technology Leadership

Be-Tech continues to develop an innovative future locker lock solutions in design and technology including standalone locks, wireless online & cloud based mobile access locks.



Customer service

Be-Tech listens to our customers' voices and provides a tailor-made customer services such as hardware & software customization services to fulfill customer requirements.



Global Partnership

We are proud to work with our global partners who are brand furniture manufacturers, lock distribution channels & dealers and access solution providers. We are always opened to be your partners.



Quality Commitment

We are committed to seamlessly improving the quality of products & quality processes to make more reliable products and eventually ensure customer satisfaction.



Company History

- 2016 ● Smart Apartment Solution released. Obtained Strategic Cooperation Award of Country Garden.
- 2015 ● UL Fire Tests Passed. Smart home and smart hotel solutions were launched.
- 2014 ● Approved as vendor of InterContinental Hotels Group. Become the official electronic lock supplier of InterContinental Hotels Group.
- 2013 ● Choise Hotel official supplier in China. Become the only official electronic lock supplier of Choice Hotels International.
- 2011 ● China's hotel industry's best electronic lock supplier. Be-Tech was named as Asia Pacific Hotel Association recommended brand.
- 2010 ● Be-Tech's brand was approved as "Guangdong Famous Trademark". Main products certified by ANSI / BHMA.
- 2009 ● The new manufacturing base covering 30,000 m2 located in the Shunde National Hi-Tech Zone started to be in fully operation.
- 2008 ● Supplied electronic cabinet locks for Beijing Olympic venues.
- 2007 ● Main products passed European RoHS environmental protection certifications.
- 2006 ● Weapon Locking System. Joint venture project with Malaysian company for weapon online locking system and applied to Malaysia military.

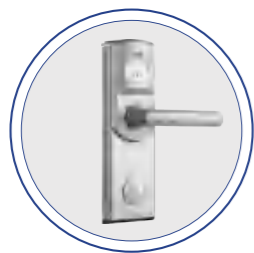
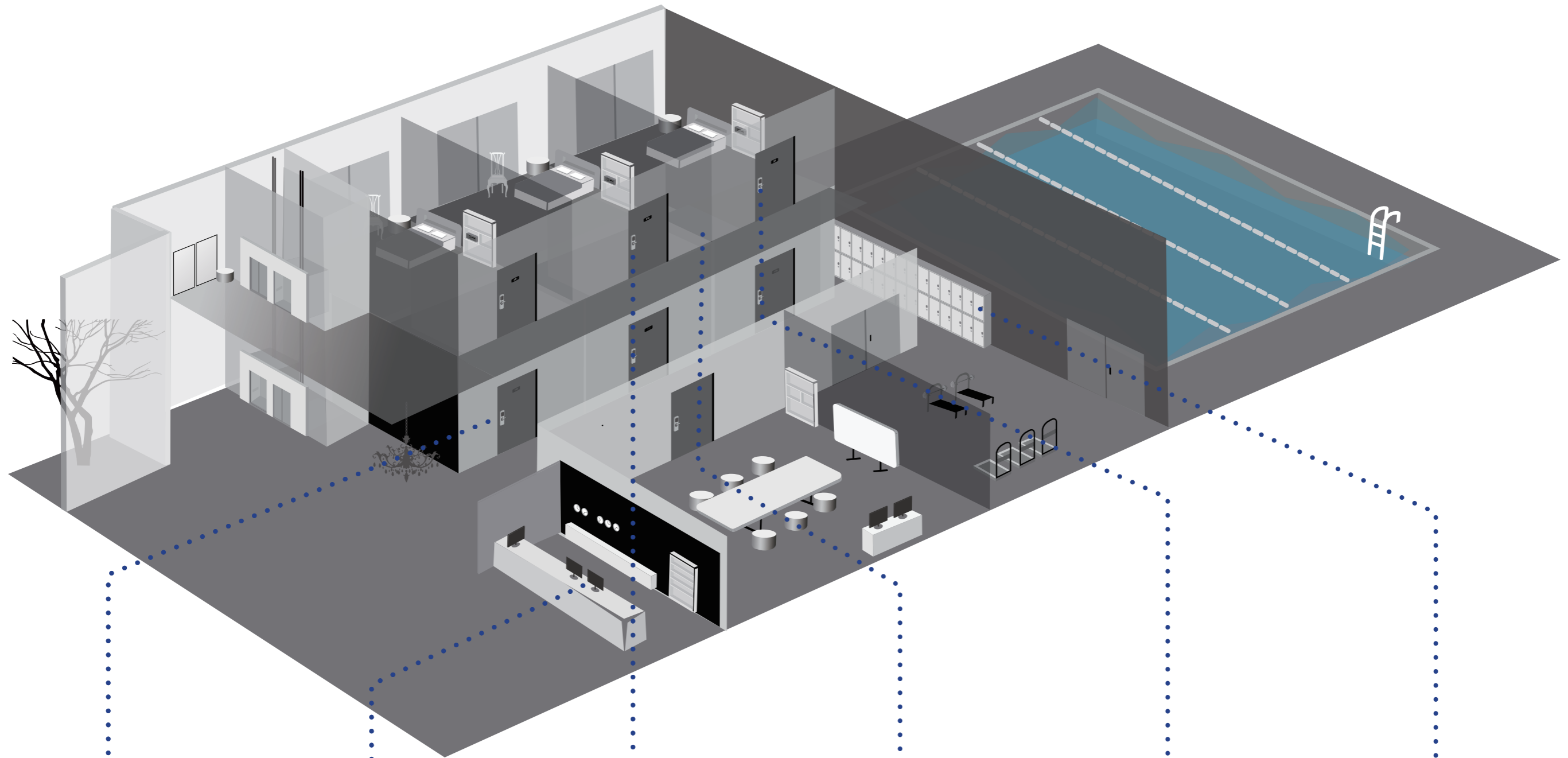


Why Choose BE-TECH?

- 01 **Industry leading quality**
 - Professional research and manufacturing
 - High quality and certification
 - Enhancing the experience and reducing costs
- 02 **Outstanding customer service**
 - Full-cycle service
 - Global Service Network
 - Convenient self-service tools
- 03 **Strength through reliability**
 - Modern technology
 - BHMA/ANSI standards
 - Combining safety and quality

Seamless Unlock Innovation

Contactless check-in solutions with IoT & wireless online technology



6536MW Smart Door Lock



HMS Server & Client



6536MW Smart Door Lock



LoRa Gateway



6536MW Smart Door Lock

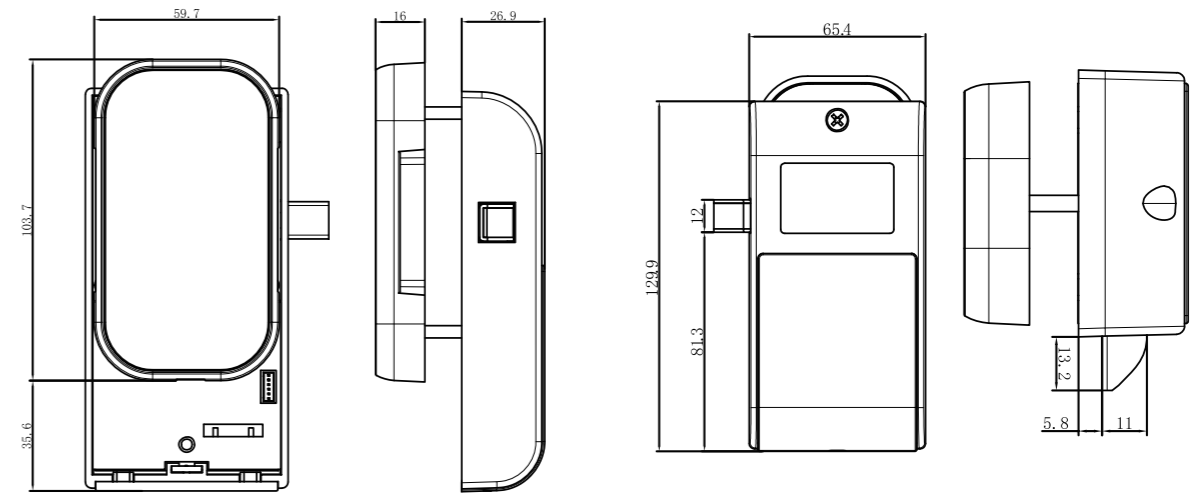


C5SW Locker Lock

C5SW LOCKER LOCK

Wireless online locker lock which enables you to monitor and control it in real-time from the center.

SPECIFICATION



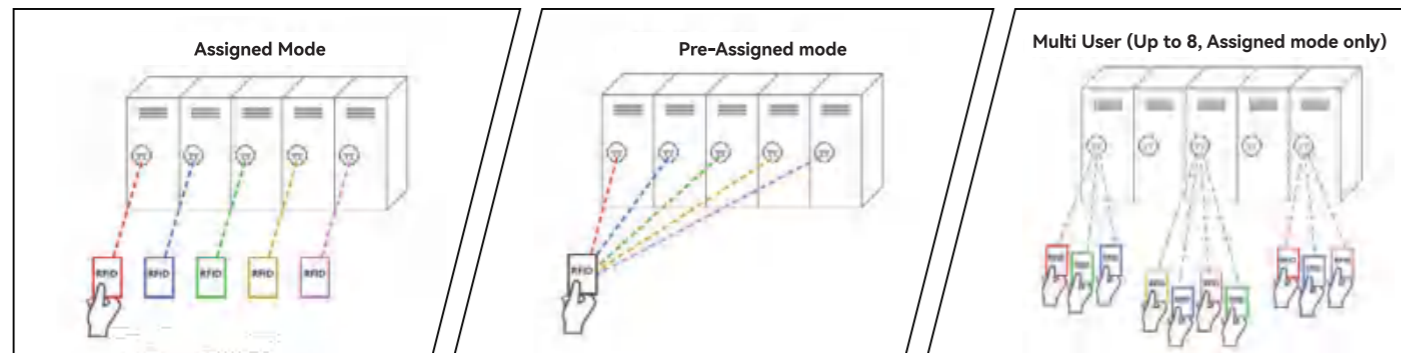
Feature

- Support various RFID credentials (13.56MHz ISO 14443 Type A/B - Mifare, Mifare Ultralight AES etc.)
- Time based operation function
- Lock information check (Lock ID, battery status, user card info, etc.)
- Easy lock setting and management by Setup Cards
- Easy to fit and retrofit (Metal, wood and laminate lockers)
- Powered by 4*AA batteries
- Battery Life: 1year (Standalone)
- Kiosk available
- Real-time monitoring
- Online setup and maintenance
- Audit trail (Online - Unlimited, Card - Up to 1000)
- Remote lock open/close
- Remote lock and card blocking
- Change user information online
- Support Smart Code (Optional, Keypad model only)

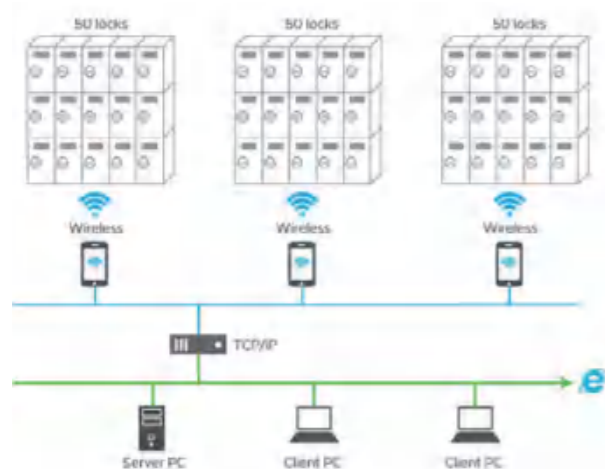
ASSIGNED MODE (PERMANENT USE)



- User can only use a certain assigned locker
- User card can be assigned to a lock in advance
- User can select any empty locker at first to assigned the User card to the lock
- Programmable to use multiple lockers (up to 5) with one User card. (Multi-lock)
- Programmable to use multiple User cards (up to 8) to one locker (Multi-user)



With the help of the powerful database based lock operation software, you can monitor and control locks remotely in real-time. The solution provides you full lock control and increase the efficient of your facility administration.



LoRa System offers a powerful database management and convenient central control functions such as:

- Powerful database management
- Real-time monitoring
- Remote lock open/close, block/unblock
- Online user information change
- Online audit trail and lock info check
- Online maintenance
- Connect multi-client software
- Customize monitoring layout
- 3rd party interface

LORA SYSTEM ARE REPRESENTATIVES OF WIRELESS ONLINE SOLUTION.



Advantage of LoRa Wireless Technology
LoRaWAN is a low power wide area network (LPWAN)

Wide range coverage
-Range about 1km in urban area

Less power consumption
-It consumes less power and hence battery will last for longer duration

Low operation cost
-The protocol is open makes it very interesting for developing applications, as it makes the barrier of entry much lower.

Smart Code For Lockers(Time Sensitive Code)

Control Time Sensitive Smart Code from wherever you are

✓ Very easy and convenient for you to schedule a smart code for each lock via your smartphone or computer

✓ Simply login the cloud server and select your lock to generate the smart code and mobile key

Experience convenient access to your property by Smart code generated via the Cloud anywhere in the world

✓ 6-10 digit PIN code

✓ Work offline, no network connection needed

✓ Operate a lock anytime, anywhere

✓ No contact and Bypass reception for key Issuance

✓ No user card needed – cost save

✓ No risk of losing cards

✓ Fast, easy, and secure

MOBILE ACCESS

► **Mobile ID**

Simple mobile access via Be-Tech Mobile APP without RFID card
Mobile ID enables you to choose and operate any empty lock as you wish in Free Selection mode without any RFID card or other credentials.

The enhanced security algorithm provides more advanced and efficient approach towards managing the locks at various kinds of venues, such as hotels, resorts, fitness centers, schools, universities, hospitals, clinics, government entities, etc..

Moreover, Mobile ID can be easily programmed to work in Multi-lock function.

1. Download 'Be-Tech ELock' APP and run it.
2. Wake up any empty locker to occupy.
3. Select the lock number from the list on the app.

► **Mobile Sync**

BLE mobile access technology based on synchronization between RFID card and smartphone.
E-smart Mobile Sync is the world's first mobile access solution based on key synchronization between RFID card and smartphone.

The solution is very flexible and adaptable to various types of configuration.

Moreover, E-smart Mobile Sync can be easily programmed to work in assigned mode with Multi-user and Multilock functions.

In addition to that, multi-functionality and accessibility via various credentials makes E-smart Mobile Sync the best solution to meet even the most demanding operation requirements.

1. Get a User Card
2. Download 'Be-Tech ELock' APP and run it.
3. Scan the User Card on a lock and put button to register.
4. Touch 'Register' Button on the APP.
5. You can use both User Card and smartphone after registration.

► **Mobile Key**

Mobile key generated via the Cloud server. Access to E-smart locks anywhere in the world.
E-smart Mobile Key is a secure, convenient and instant way of mobile access to E-smart locks.

Encrypted digital key are generated via E-smart Cloud Server, and access to a specific locker lock or door lock which is granted through the internet from anytime anywhere in the world.

All the locks are operating completely offline without the risk of malfunction.

Users can use their mobile keys only for a specific time period, and access privilege will be automatically expired when the granted time period is over.

Experience convenient access to your property by Mobile key generated via the Cloud.

Benefits



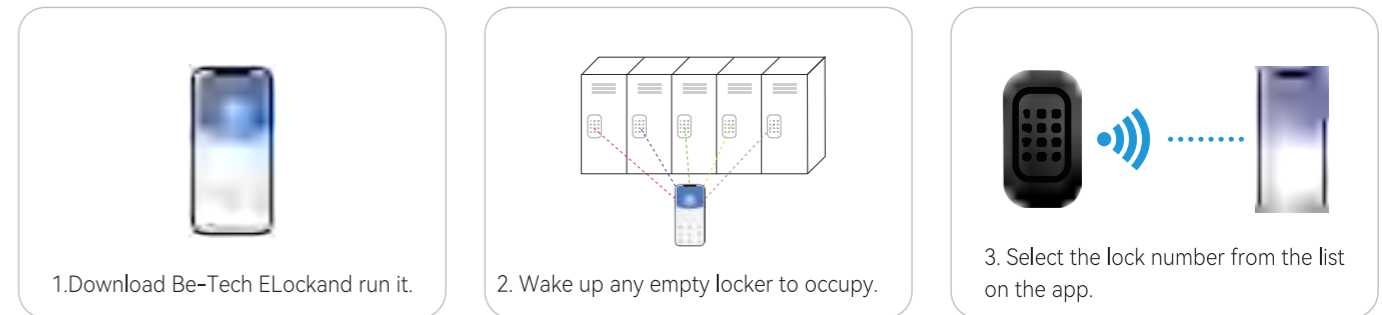
For User:

- Unique user experience
- Provide convenience by using a smartphone
- Easy self registration via mobile app
- Bypass reception / No waiting in queue
- No any other credentials needed
- No carrying RFID card

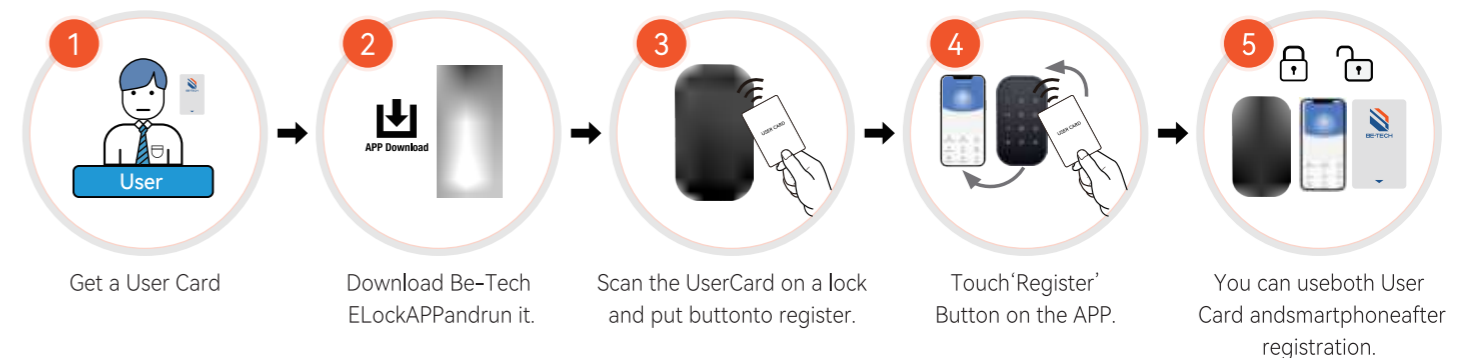
For Facility Administration:

- Better operational efficiency
- No rush for registration
- In reception / operational cost saving
- Improve customer satisfaction
- Increased customer loyalty
- Increasing of client membership and revenue

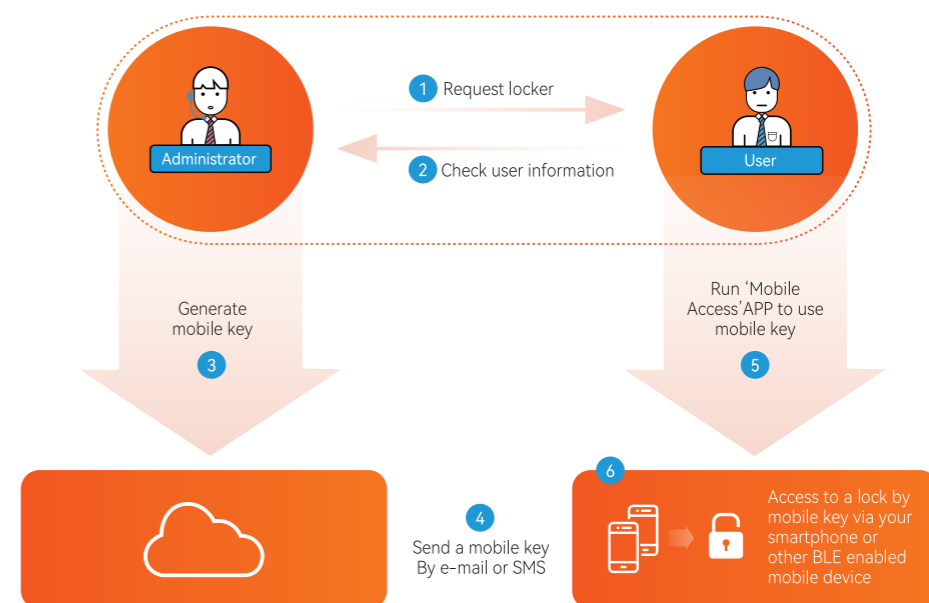
MOBILE ID



MOBILE SYNC



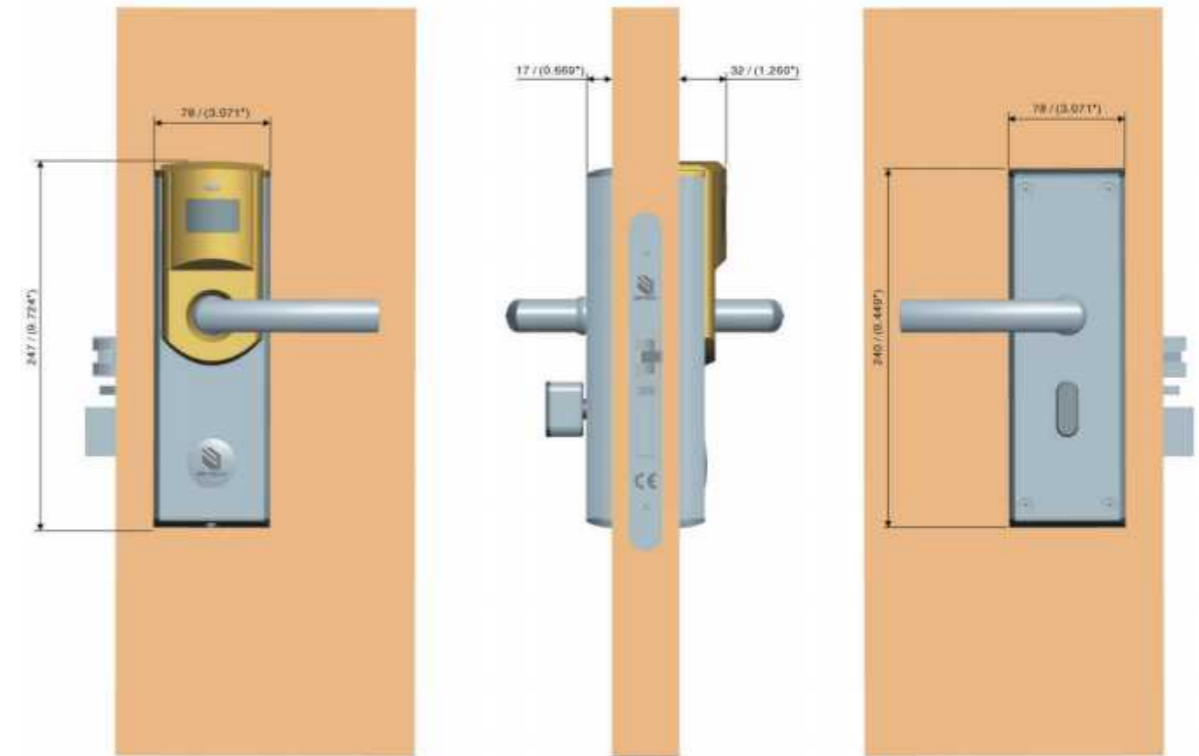
MOBILE KEY



6536MW & 8256FMTW WIRELESS ONLINE DOOR LOCK

Electronic locks communicate with the server through LoRa network.
Routers connect to the Area Ethernet for communication with the server.
LoRa Gateways communicate between locks and Routers.

SPECIFICATION



Feature

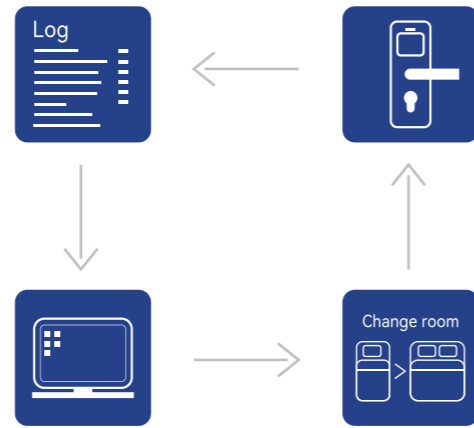
- Support RFID technology: Mifare classic & Desfire, ISO14443 Type A/B, ISO15693
- Support mobile key (BLE 4.0 or higher)
- LORA security algorithm
- Audit trail up to 1,000 events by RFID card or Smartphone
- Mortise standard: ANSI/EURO
- Support Dead bolt
- Provide Intrusion alarm
- Provide Ajar alarm
- Support Panic release: Deadbolt and latch are automatically retracted by inside handle for easy regress in emergency situations
- Mechanical override: Hidden cylinder key inside
- Lock Management by mobile app (Master key/FW update/Audit Trail/Battery Status check/etc.)
- Power Source : 1) Battery life: 12months and more (AA x 4)
- Certifications: CE

INNOVATIVE, SMART and SECURE SMART LOCKING SOLUTION

Be-Tech Smart Locking Solution provides you the most efficient and reliable wireless locking solution suitable for hotels, resorts, smart offices, schools, gyms, and other facilities.

Audit Trail

The door opening record and check-in record will be saved up to 6 months and be queried at any time and the unlocking way can be displayed

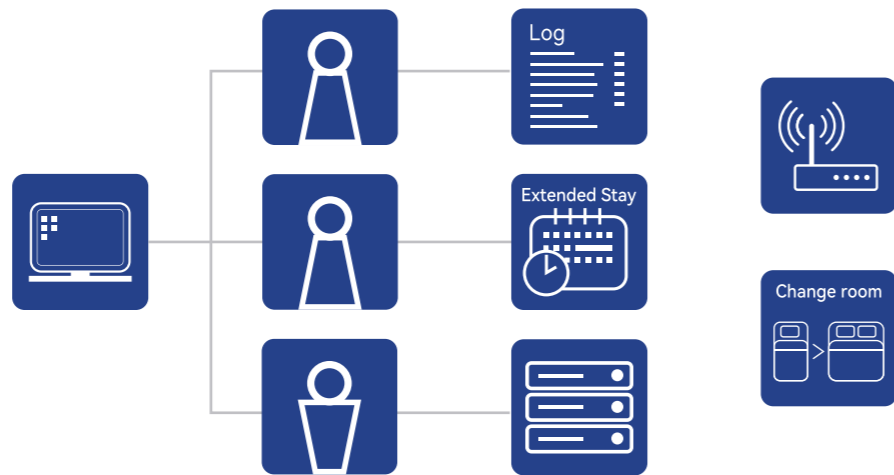


Quick Alternation

Guest keycard can automatically be assigned to a new room by operation on the website without going to front desk to re-encode the card if client requires room changing

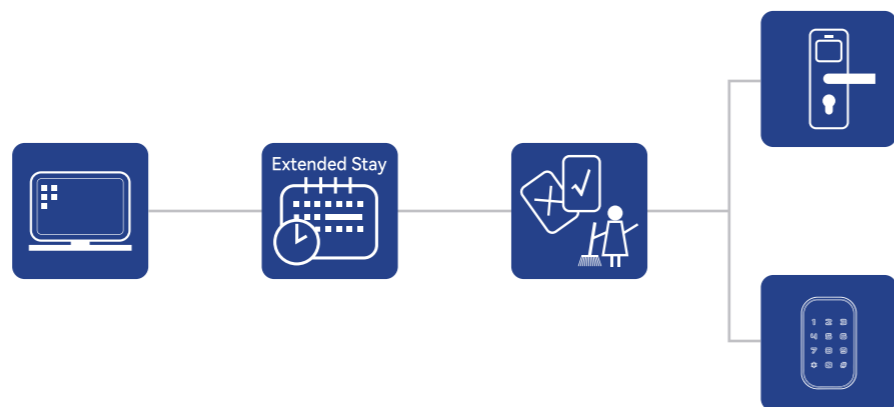
Branch Account

Different employee could be assigned a Branch Account with specific operation authority on system which can assure well-organized management



Access Permission Synchronization

Both guest card and staff card can be cancelled/activated from one central location. The online system will notify all selected locks.



SYSTEM COMPONENTS

RFID Card

ITEM	SPECIFICATION
RF card protocol	ISO/IEC 014443 A, Mifare
Working frequency	13.56MHz
Data transmit rate	106kbit/s
Reliable data	16-bit CRC, odd-even check, bit coding, bit counting

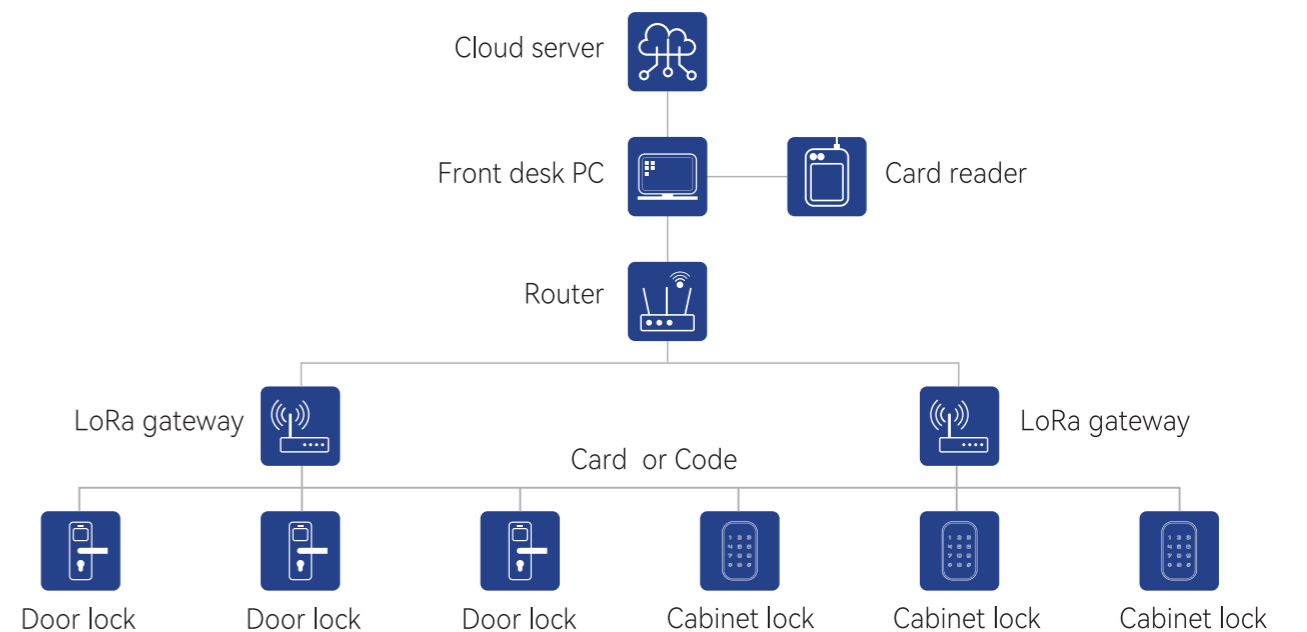
LoRa Gateway

ITEM	SPECIFICATION
Communication with Server	TCP/IP (standard), 2.4Ghz Wireless (ONLINE LOCK COMM)
Effective range	About 30-50 meters in open area (without barrier)
Communication mode	LoRa
Input Power	DC 12V Adapter
Operating Frequency	410-470MHz

RW-49 Encoder

ITEM	SPECIFICATION
RF card protocol	ISO 14443 A and B Parts 1-4 ISO 14443 T=CL for ISO 14443-4-compliant cards T=CL Emulation for MIFARE Classic
PC interface	USB HID Keyboard Class
Input power	DC5V, 200mA
Operation temperature	0°C~ 60°C

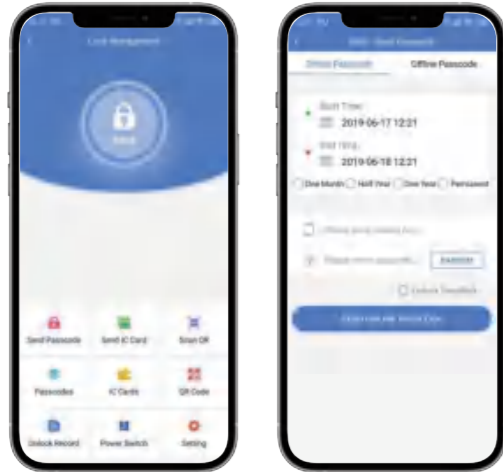
ONLINE SYSTEM FRAMEWORK








BE-TECH SMART LOCKING SOFTWARE

► Lock Management Software (For Mobile Phone)










- Lock Key Management Software
- Lock Installation Software

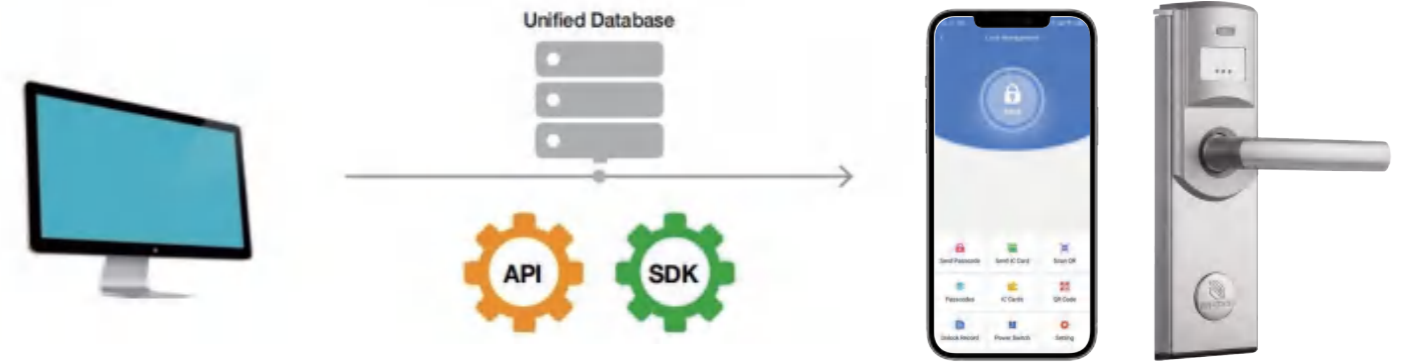


-  Generate security key card for customers
-  Generate system cards
-  Issue Setup Card
-  Set lock operation mode
-  Program various operation parameters

► Lock Management Software (For PC)



-  Real-time monitoring
-  Remote lock open/close. Block/unblock
-  Online user information change (RF cards, Password)
-  Online audit trail and lock info check
-  Online maintenance
-  Connect multi-client software (PC)
-  Customize monitoring layout
-  Powerful database management
-  Mobile Key & Smartcode Issue



- Third-party software companies and end-users are allowed to operate and manage Smart locker locks by utilizing Smart locking solution API (Application programming interface) to control access within their own applications.
- Customer can create card issuance and management system for applications.
- It can be connected with hotel system, apartment system, college student dormitory management system, public rental housing system, staff dormitory management system, OA management and other system developers

► Lock Management Software (For PC)

OS	Window 10/11
RAM	16 GB or higher
Admin Privilege	No Administrator Right Requirement

APPLICATIONS



Condominium



Leisure & Fitness



Smart Office



Rental



Education



Healthcare



Government



Pro Sports