Smart Handle
User Manual

Android users can download and install
the App by scanning this code or searching
" Smart Handle" in Google Play.

iOS users can download and install the
App by scanning this code or searching
 "Smart Handle" in Apple App Store.

Safety and Disclaimers

Attention

It is strongly recommended that you read this manual carefully before using the product. It will ensure that you use the product correctly.

About this manual

This manual can be used as a guide. The photos, graphics, charts, and illustrations in this manual, are for explanation and illustration purposes only and may be different from the specific product. Please refer to the actual product.

Disclaimer

Within the fullest extent permitted by law, the product described in this manual (including hardware, software, firmware, etc.) is in accordance with the "finished product". There may be defects, errors or failures, while the manufacturer will not provide any kind of express or implied guarantee, including but not limited to marketability, satisfactory quality, fitness for a particular purpose and non-infringement of third party's rights; nor compensate for any special, incidental, accidental or consequential damages caused by using this manual or our products, including but not limited to loss of business profits, or missing of data and documents. Within the fullest extent permitted by law, the liability of the manufacturer for damage will not exceed the amount paid for the product.

Any of the following reasons that result in interruption or termination of service of the product, the manufacturer shall not be liable for personal or third party's injury or property loss :

- Not installed or used in strict accordance with the manual.
- For national or public interests, or by force majeure.
- Your own or third party's reason (including but not limited to the use of third-party-products, software, components or other issues).

● If the product is connected to the internet, it may face network attacks, hacker attacks, virus infection and other risks, which will cause malfunction, privacy breach and other issues. The manufacturer will not be liable for these, but will promptly provide you with technical supports.

When using the product, please strictly follow the applicable laws. If the above conflicts with applicable laws, the applicable laws shall prevail.

Caution
● Do not disassemble, modify or maintain the product by yourself.
● The Smart Handle ID QR code in this manual is for product registration purpose. After successful registration, this code also can be used to delete all previous registration information. Please keep it safely.

Compatible Devices

The Smart Handle mobile App only supports iPhone4S (or later), and approved Android 5.0 Lollipop devices.

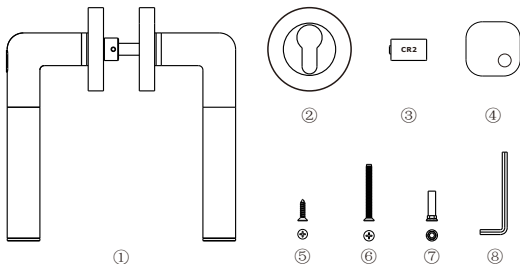| iOS Devices		Android 5.0, Lollipop	
iPhone 4s	iPad 3rd Gen,4th Gen,	Nexus 5X, 6, 6P, 9	Samsung Galaxy Note 4
iPhone 5,5s	iPad Air, Air 2	HTC One M9	Samsung Galaxy Note 4 Edge
iPhone 6,6 plus	iPad Pro (12.9-inch),Pro(9.7 inch)	Samsung Galaxy S5, S5 Active	Samsung Galaxy Note 5
iPhone 6s,6s plus	iPad Mini, Mini 2, Mini 3, Mini 4	Samsung Galaxy S6, S6 Active	Samsung Galaxy Note 7
iPhone 7,7 plus		Samsung Galaxy S6 Edge	
iPod Touch 5th Gen		Samsung Galaxy S7, S7 Active	
iPod Touch5th Gen (16GB Mid 2013)		Samsung Galaxy S7 Edge	
iPod Touch 6th Gen			

Blackberry and Windows platforms are not supported.

The Smart Handle is also compatible with the Smart Key. Additional Smart Key is available separately.

Package Details

After opening the product packaging, please make sure the product is intact, and confirm the accessories are complete as per the figure below.
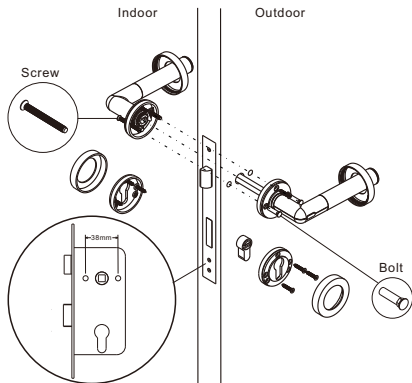
① Smart Handle	1 set	
② Escutcheons	2pieces	
③ CR2 disposable Lithium batteries	2 pieces	
④ Smart Key (optional)		
⑤ Self-tapping screws	8 pieces	
⑥ Back-to-back screws	2 pieces	
⑦ Back-to-back bolts	2 pieces	
⑧ Hex key	1 piece	

Product Installation and Key Points

The installation for Smart Handle is the same as normal handles.
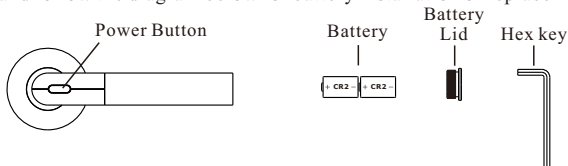Please note the following:

1. Please check if there are 38mm back-to-back screw holes in the lockbody, otherwise replace the lockbody.
2. Please choose the right product according to the opening direction of the door. Make sure the handle with power button is installed on the outside of the door.
3. Please install back-to-back bolt on the outside of the door when installing back-to-back screws.
4. Carry out the assembly with the door open.

Buttons, Installation and Replacement of the Battery

The product uses two CR2 disposable Lithium batteries. Remove the battery tag to activate the Smart Handle for initial use.

Please use the Hex key provided to open the battery lid on the end of the door handle, and follow the diagram below for battery installation or replacement:

Power Button   Battery   Battery Lid   Hex key

Caution

- When the product or App signals low battery warning, please replace the battery to avoid battery leakage and damage or unable to unlock the product. After warning signal appears, theoretically the door can still be unlocked for about 50 times.
- Use CR2 batteries when replacing. Do not use batteries in other specifications.
- Pay attention to the correct polarity when replacing the batteries.
- Always replace discharged batteries with new batteries.

Battery Safety Alert

- CR2 Lithium battery is disposable. Do not charge it to avoid fire or bums.
- Do not disassemble, heat or burn the battery.
- Keep it out of reach of children to avoid hazard.
- Please dispose the battery in accordance with local laws and regulations.

Product Usage Guide
Pairing

The first registered user using the ID QR code in this manual will be set as the Administrator.

Each time when a new Administrator is registered, all the previous users' information and unlocking records in the Smart Handle will be erased. Administrator can send authorization code to any other users and other users can be registered as My User.

- Press "⊕" button in the App.
- Press the power button on the handle for 10 seconds till red and blue LED flashes, then press "Next" in the App when it becomes blue.
- For Administrator registration, please scan ID QR code in the User Manual and press "Next" button.
- For User registration, please input authorization code into SMS code box and press "Next" button.
- After successful registration, the users can make "Calibration" if needed. (which will be explained in the next section).

Create and Send Authorization Code to My User

Administrator can send authorization code to invite other users to register as My User.

- Enter My Keys page, then press "⊕" button in the App and the power button on the handle to create a Bluetooth Key.
- Edit Bluetooth Key authorized user's name, and unlocking time period. (Each user can have up to three unlocking time periods).
- Send the authorization code through SMS by "Send" or other ways by "Copy" to other users.

Smart Key

If some users have no smart phone, or their smart phone is not compatible with Smart Handle, the users can use Smart Key to unlock the door. Smart Key is not a standard accessory supplied. Users need to purchase separately.

- Enter My Keys page, then press "⊕" button in the App and power button on the handle to create a Smart Key.
- Edit Smart Key authorized user's name, and unlocking time period. (Each user can have up to three unlocking time periods).
- Press and hold the button on the Smart Key to complete the pairing process.

●After successful registration, the users can make "Calibration" if needed. (which will be explained in the next section).

Calibration

To ensure the smart phone or the Smart Key is able to unlock the door from a certain distance, users can make calibration. This step is not essential. You can still use this product without doing this step.

Administrator and User's smart phone calibration can be completed in his cell phone App. The Smart Key calibration needs to be done through the auxiliary by Administrator's App.

After entering the calibration page, App will prompt "Calibration will start in 5 seconds…", then please place your device in your most commonly used location for about 10 seconds (such as pocket, backpack, etc.) for accurate calibration.

Due to the Bluetooth signal fluctuation, if you can not unlock the door after calibration, please place your device closer to the Smart Handle and try again or re-calibrate to a more suitable distance.

Unlocking the door

Place your paired smart phone close to the Smart Handle or within the calibration range, press the power button on the handle, then the door can be unlocked.

Place your paired Smart Key close to the Smart Handle or within the calibration range, press once the power button on the Smart Key, then press the power button on the handle, the door can be unlocked.

The Smart Handle will be automatically locked again after unlocking in 5 seconds.

When using smart phone to unlock the door, please lock the phone screen or put the App into the background, otherwise it will enter setting mode.

Due to the Bluetooth signal fluctuation, if you can not unlock the door, please place your device closer to the Smart Handle and try again.

After replacing the Smart Handle batteries, Administrator need to unlock the door once for information authorizing to the handle, otherwise the User's smart phone or Smart Key can not work properly.

Attention:
After the initial installation of the handle, please check if the lock works by unlocking the door while the door is open.
If the door can not be locked or unlocked properly, please check the installation steps and the lock itself.

LED Indicator
● The LED indicator light is integrated into the power button on the handle.
● The resepective LED indicator status as follows:

No.	Product Status	LED Indicator Status
1	Unlock normally	Blue LED flashes---Green LED flashes
2	Unlock in low battery status	Blue LED flashes ---Red LED flashes
3	Unlock in normal handle mode	Blue LED flashes 2 times
4	Pairing mode	Red and Blue LED flicker in interval
5	Setting mode	Purple LED flashes

Use as a Normal Handle
If you don't need to use the Smart Handle function in certain situations, you can turn on the "Use as a normal handle" option in the App, then it can be used as a normal handle.
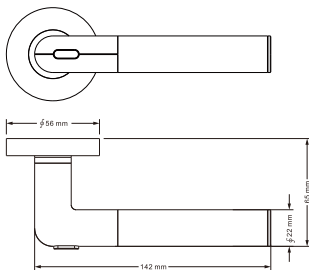
User List
● Only Administrator can access and manage this page.
● This page contains all users' names, unlocking permissions and other information.
● Administrator can delete users, and edit other users' unlocking permissions.
●You can carry out the calibration on the Smart Key under this page.

Unlocking Records

- Only Administrator can enter and view the unlocking records.
- The records contain the unlocking time, date, user and other information.
- The last three months' unlocking records will be synchronized to the App after every handle unlocking by the Administrator.
- If you want to check unlocking information of other time period, please click on the top right corner of the App to select and download manually.
- Unlocking records can not be deleted directly.
- Up to 6000 unlocking records can be stored in the App. Beyond the range, the earliest records will be replaced by the latest automatically.

Product Specification

- Power: 2 × CR2 Lithium batteries
- DC Power Consumption: 0.06 μW stand by
  0.5 W in operation
- Bluetooth : Bluetooth Low Energy 4.0
- Operating systems : iOS/Android
- Size :

- Weight:880 grams

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.