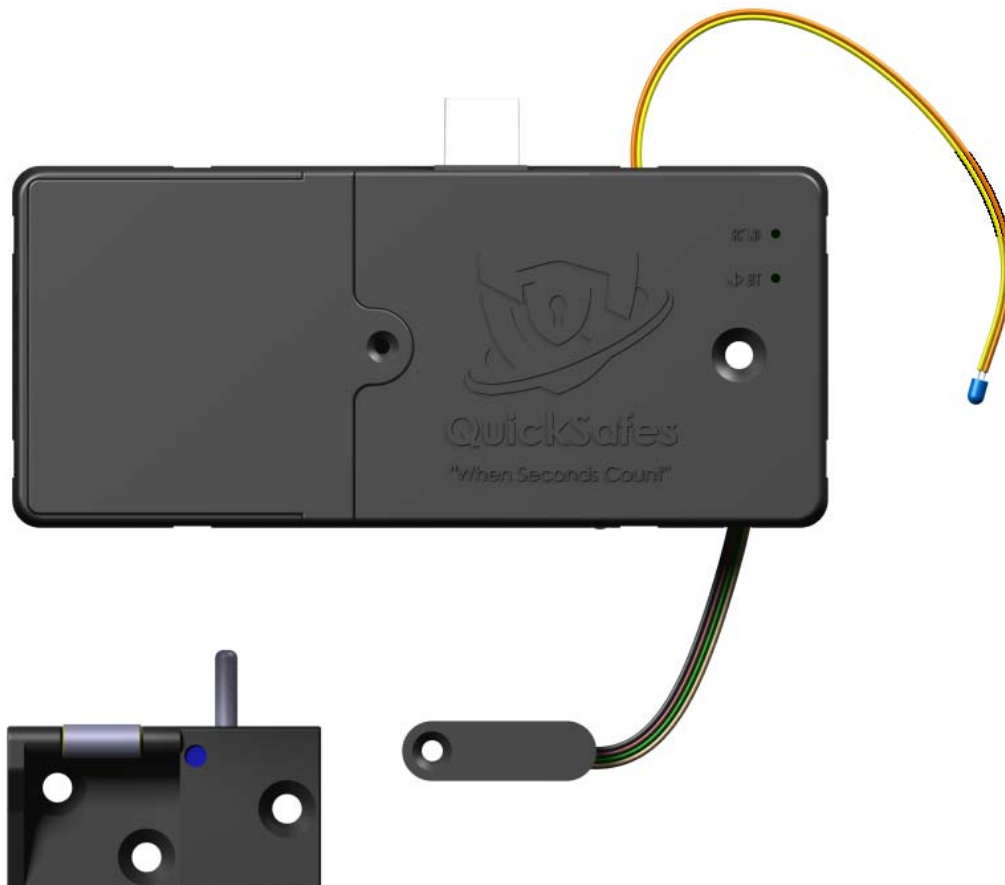
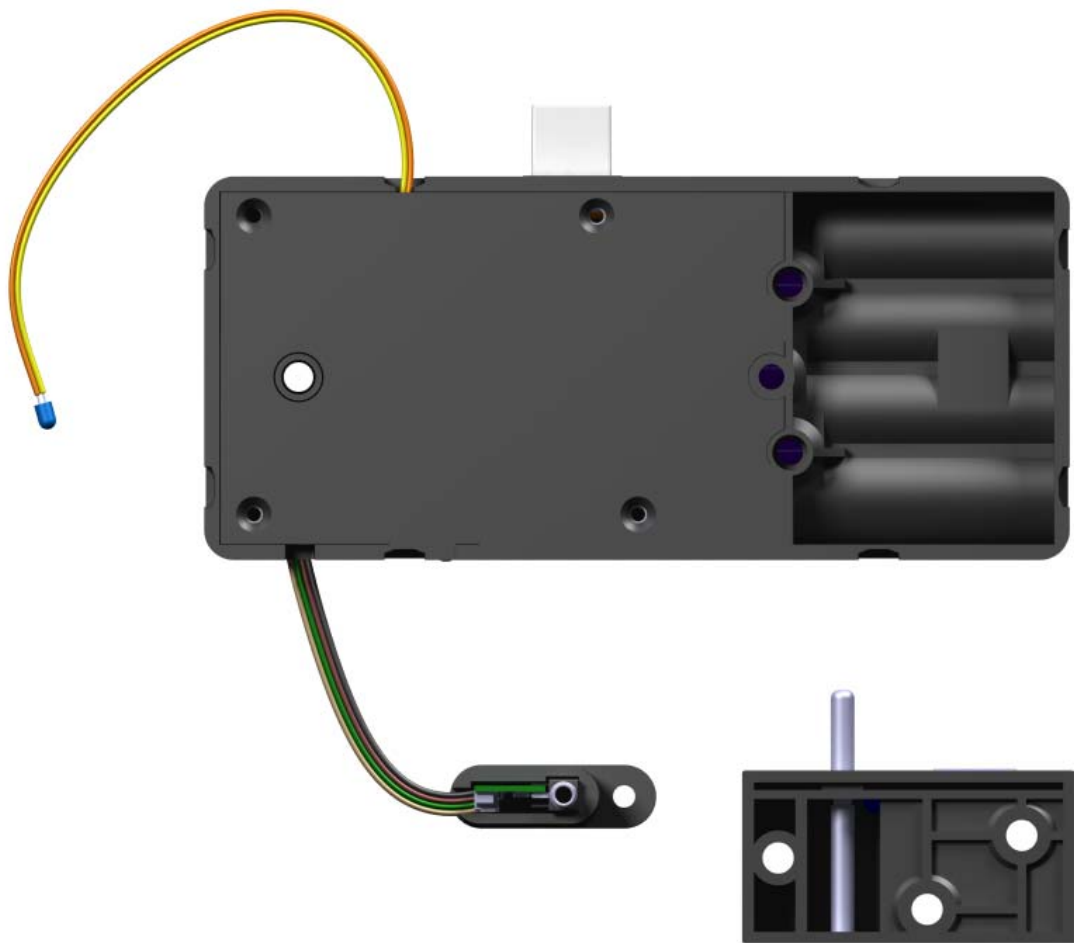

RFID-BT Lock

Model: BT2 Lock

一. Product Specifications and Performance Parameters

1): Product Appearance Picture





Model: BT2 Lock

The Main Function:

Dimension: 146.4*64.9*25.4MM Weight:

1: ST Micro Electronics, MUC: STM32F030C8T6 'ARM Cortex-M0 32-bit MCU, 64KB Flash, 8KB Internal RAM, 39 I/Os, 48-pin LQFP, -40 to 85 degC, Tray;

2: EEROM Storage, 64Kbit Memory

3: Bluetooth 4.2 Single-mode Standard;

4: RFID 125KHz Mode;

5: Support the Cell-phone APP Open Operation;

6: Single Button Touch and Proximity Sensor Switch;

7: 6V External Power Supply;

8: Bluetooth Setting and Sound Switch;

Land on Google Market or Apple Store download the Quicksafe APP.

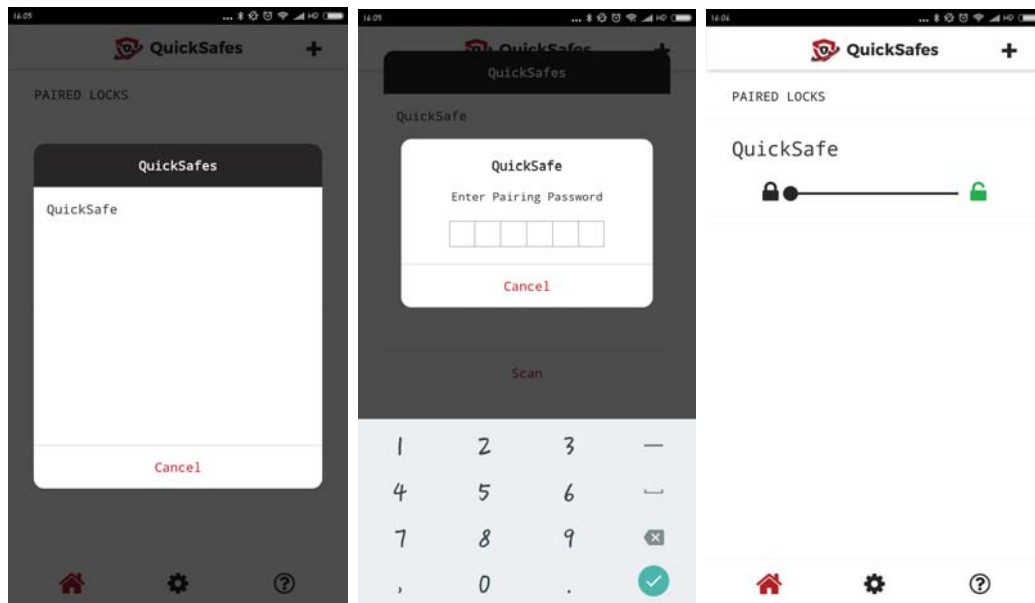
9. User Manual for BT2 Lock

1. Get a new safe;
2. Install battery and you will hear a beep and the blue LED indicator will illuminate.

Part 1 APP operation

1.Download and install Quicksafes APP;

Start APP: Click the icon [+] to start automatically searching for visible Bluetooth devices.Select the Bluetooth lock device when it is connectable. Enter password in the pop-up window to pair with the APP (Initial password is "123456"). The first paired user will be the manager of the safe;



Searching input paired password lock paired

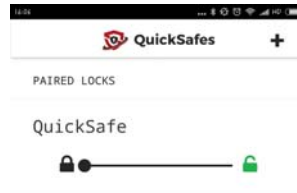
Notes:Effective connection and range of operation are within 60 meters.

2.Operation of Homepage: Click [Home] 、[Setting]、[Add]、[Help] at bottom navigation bar to switch the interface.

[Home] is the main APP page, connecting lock background is in white color, unconnected in grey.

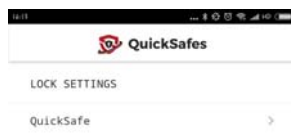


Unconnected page



Connected page

[**Setting**] is the main operating page. Manager can re-name the safe Name, change the Password, view the Open History, manage the User Control, choose the Unlock Mode, Enable TouchSafe Sensor and Unpair Device. Common user can choose the Unlock Mode and Enable TouchSafe Sensor.



A.Rename

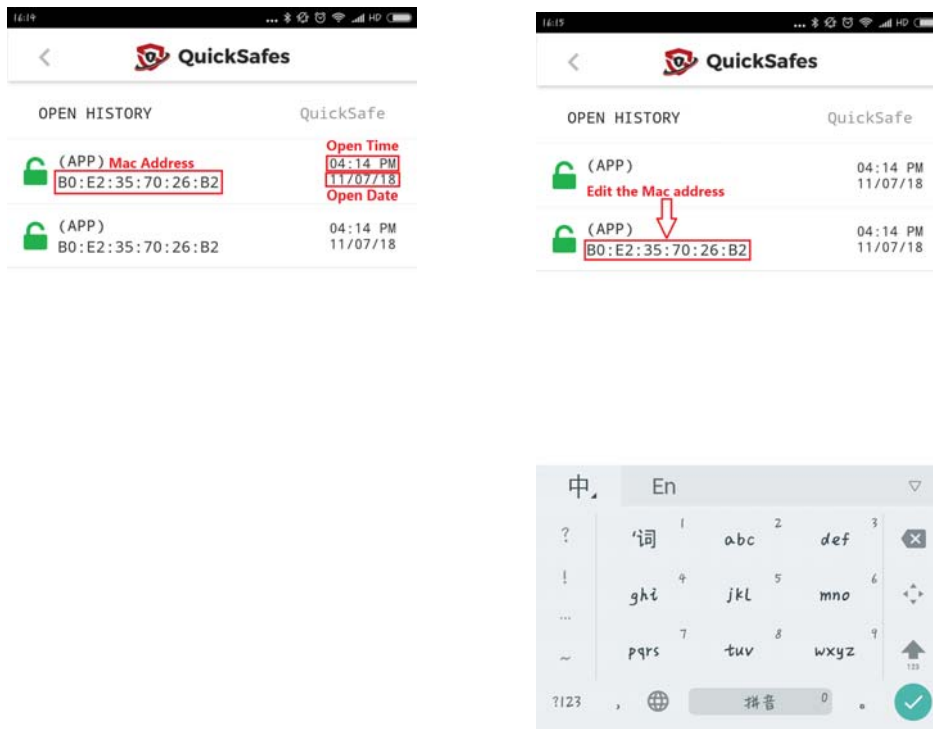
[**Name**]: it consists of 18 characters. Manager can click it edit the safe name and input the password to save setting. Common user can just see the safe name.

B.Change password

[**Password**]: it's consists of 6 numbers. Manager input the Current Password, New Password and Re-Enter Password, then click Update Password save setting.

C.Check the open history

[**Open History**]: it will show the safe open way, APP Mac address and open time. Manager can edit the APP Mac address.



D.Cancel user

[User Control]: manager can cancel any of the common user except itself. When manager click one of the common user, it will pop up the window, then click cancel and input password save setting.

E.Change the open way

[Unlock Mode]:

a. **Slide Only**-it's the default open way.In this open way, slide the bar on Home page, it will change from black to red color, when up to 2/3 length, lock will open successfully and reminding "Lock is open" at the bottom of the Home page.

b. **Biometric ID**-click the circle beside the Biometric ID and it will change to red color, then click save setting at the bottom of Setting page.In this open way, Android need to loading the user fingerprint for approval and ISO need face recognition.If pass the fingerprint and face recognition, the lock will open successfully.

c.**Password**-click the circle beside the Password and it will change to red color, then click save setting at the bottom of Setting page. In this open way, slide the bar on Home page and it will pop up the keyboard, input the correct password, lock will open successfully and reminding "Lock is open" at the bottom of the Home page. If the password is incorrect, reminding "Incorrect password" at the bottom of the Home page.

F.**[Enable TouchSafe Sensor]:**click the circle beside the Enable TouchSafe Sensor and it will change to red color, then click save setting at the bottom of Setting page.In this open way, use your finger access to the TouchSensor, the lock will open successfully and reminding "Lock is open" at the bottom of the Home page.

G.**[Unpair Device]:**all the users can cancel the pairing from this operation.Click the circle beside the Unpair Device and it will change to red color, then pop up reminding window, choose Cancel and it will cancel the pairing.

Part 2 RFID operation

1.Initialize the RFID:use a thin rod plug into the RFID hole on lock house for a long press, then the lock will beep Di----di-di-di-di within 6seconds and the blue LED indicator will illuminate.

2.Manager card configuration:when finish the RFID initialization, take the manager card access to the RFID coil, if the manager card read successfully, there will be a beep Di-di--and the blue LED indicator will illuminate which means the manager card configure successfully.

3.Common user card configuration:take the manager card access to the RFID coil, the lock will open, there will be a beep Di, then the lock will open and blue LED indicator will illuminate 6 seconds.Take the common user card access to the RFID coil when the blue LED indicator illuminating, the lock will beep Di which means the common user card configure successfully.When the blue LED indicator stop illuminating which means the configuration is finished.

4.Cancel the common user card:use a thin rod plug into the RFID hole on lock house for a short press, then the lock will beep Di-di-di-di-di- within 5seconds and the blue LED indicator will illuminate. Take the manager card access to the RFID coil in 2seconds, the lock will beep Di-di-di and the blue LED indicator illuminate 3times which means all the cards are canceled.

5.Unconfigured card: when an unconfigured card access to the RFID coil, the lock will beep Di-di-di and the blue LED indicator illuminating.

Technical Specifications:

Environmental Parameters	
Working Temperature Range	-10℃ to +60℃
Storage Temperature Range	-20℃ to +70℃
Operating Humidity Range	45% to 80%RH
Storage Humidity Range	30% to 90%RH
System Parameters	
Main Chip Type	STM32F030C8T6
Storage Space	64Kbit
Operation System	Android 4.1or IOS advanced in 8.0
Basic Parameters	
Button/Switch	RFID Setting Button, Bluetooth Re-set Button and Switch for Voice
Touch Sensor	External Power Jack, Metal Ring
RFID Module	125kHz
Bluetooth Module	Bluetooth 4.2, Transmit Distance
Indicator Light	External Blue Operation Indicator
Illuminate Light	White
Operation Hints	Voice and Lamplight Hint
Usage Time	
Standby Mode	More than one year
Power	
Battery	1.5V R6P AA Alkaline Battery, 4pcs
Battery Type	In Series
External Power Connector Type	4P 2.5mm Headphone Jack
Standby Current	0.3mA

Physical Parameters	
Dimensions	146. 4*64. 9*25. 4MM
Color	Black

FCC Warning:

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 and can radiate radio frequency energy and, if not installed and used in accordance with the 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.