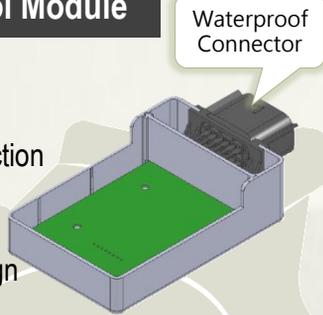


Description of parts on scooter

A. Bluetooth Control Module

(90 x 60 x 27mm)

- ★ 100% made in Taiwan
- 1. Scooter quality production
- 2. Nordic BLE 5.0
- 3. UART/I2C interface
- 4. Surge protection design



B. RFID Antenna

(80 x 55 x 5mm)

- ★ 100% made in Taiwan
- 1. Scooter quality production
- 2. ST Reader IC
- 3. Connect to Bluetooth Control Module
- 4. Mounted in an easy-to-read position



★ Support 10 Bluetooth keys in total, including remote controller.

Options and functions are as follow:

1. Single mobile phone key → proximity unlock/ proximity lock/ find scooter
2. Multiple mobile phone keys → proximity unlock/ find scooter

3 way to unlock

After activation, the owner can use Device Password to configure the following three types of keys.

Mobile App (Bluetooth)

- ◆ Bluetooth Offline Key
- ◆ Multiple scooters can be set up
- ◆ Proximity unlock/ find scooter/ find remote controller/ share key
- ◆ Provide SDK or APP design



2-in-1 remote controller (Bluetooth + NFC tag)

(51 x 37.2 x 12.9 mm) Waterproof design

Front

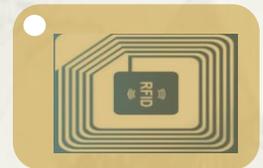


Back



- ◆ Bluetooth Offline Key
- ◆ Red LED, buzzer sound

NFC card



- ◆ Anti-counterfeit
- ◆ Irreversible algorithm, copy impossible.

GUARANTEE



Guarantee Card for activation (cannot be the key)

- ◆ NFC tag (for use near the RFID antenna)
 - Patented anti-counterfeit IC, which cannot be copied
 - **Can use without power**
- ◆ CR2032 battery life, more than one year by power-saving mode
- ◆ Support "find remote controller" function by broadcast mode



Activation and Password Reset

Most secure Bluetooth key activation mode - The owner has maximum authority

▲ Password reset method to prevent hacking

- ① Click "+" to activate the device on the app
- ② Scan guarantee card by mobile phone (QR Code, NFC)
- ③ Set device password

1. Authorization offline (better security/privacy)
2. Manage password by the owner
3. Suitable for various usage



Password Reset Procedure

- ① Click "Forget Password"
If the password was forgotten, click "Forget Password" to redefine new password
- ② Scan guarantee card
Please use NFC mobile phone and be close to the guarantee card for reading the verification code.
- ③ Input new password
After reading the verification code successfully, you can input new password

▲ Communication security between PHONEKEY APP and the lock

The communication between App and the lock is encrypted by AES algorithm and TRIVIUM cipher. The unlock key is random generated, it means each time the unlock key will be different.

Taiwan Patent, I559165
US Patent, US9609512B2

▲ Shared/rental/remote management... IOT Applications

The Bluetooth smart locks (door lock, cabinet lock, vehicle lock etc.) that have been sold and newly developed by UserStar support **shared**, **rental** or **remote management** solutions.

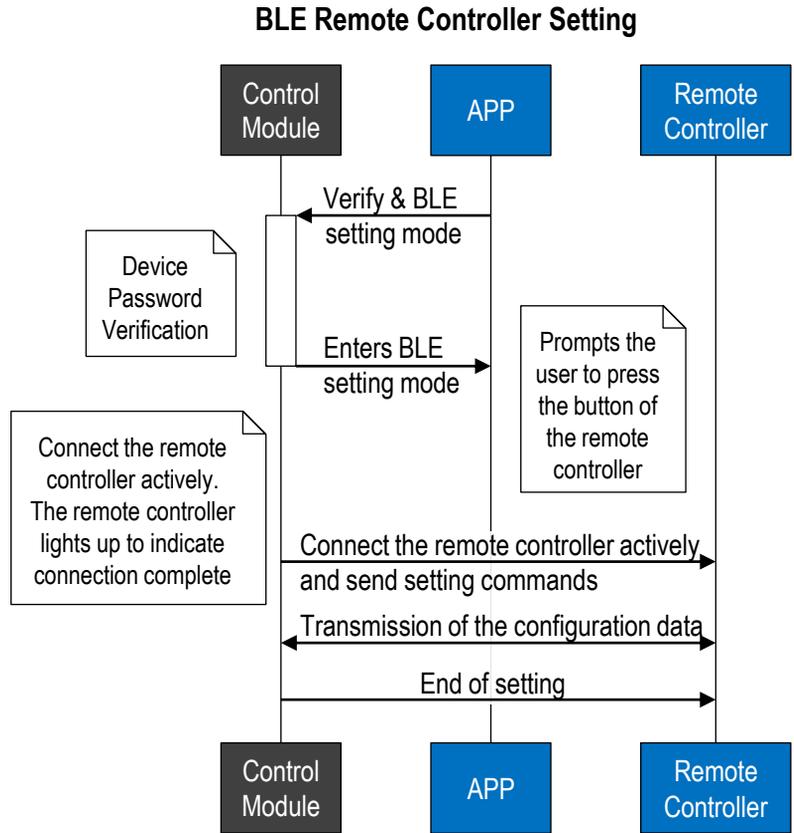
Lock is set to "Individual/Family/Organization" default mode, and the lock owner manages the key setting and access rights. The lock can be set to **share key mode** when the owner is authorized to get the SDK of the APP and service system from UserStar, and then it can be easily changed to shared/rent/remote management mode.



2-in-1 BLE Remote Controller Setting

After the control module is connected to the App, the App will issue a request for device password verification and remote controller setting. When the control module accepts the request, it verifies the device password and then enters “remote controller setting mode” after the verification is successful.

The control module actively searches for the remote controller and start connection. After the user presses the button of the remote controller, the transmission of the configuration data will start.



RFID Card Setting

After the control module is connected to the App, the App will issue a request for device password verification and RFID card setting. When the control module accepts the request, it verifies the device password and then enters “RFID card setting mode” after the verification is successful.

When the user moves the RFID card closer to the induction area of the control module, the configuration data will exchange until the setting is complete.

