ELECTRONIC SMART RV LOCK HF-QP-S02

UPGRADE YOUR RV

FINGERPRINT

PASSWORD

MECHANICAL KEYS

MOBILE PHONE BLUETOOTH UNLOCK

WATERPROOF

DIRECTORY

SPECIFICATIONS

Model: HF-QP-S02

Material: Zinc Alloy, Silicone Button

Function: Mechanical Keys + Fingerprint + Password + Bluetooth APP

Fingerprint Storage: ≦30Pcs

Password Storage: ≦50Pcs

Battery: 4x AA 1.5V Dry Batteries, Rear Type-C Power Port (Please note that the Type-C port is for supplying power to the device and cannot charge the battery compartment)

Keypad: 1-9 Numeric Key + Unlock Key + Lock Key, Upgrade Backlit Keypad

APP Operating Distance: ≦ 15m (Straight Line Distance)

APP Setup & Usage: The phone needs to be in Bluetooth state (NOT WIFI)

LED Aperture Indicator: Green, Blue, Red

Fingerprint Module: 160*160 High Resolution, Dust Proof & Waterproof, Nano Coating

Replace Standard Handles With Common Opening Size: 3.75"Tx2.75"Wx1.5"D

PRODUCT STRUCTURE DIAGRAM

Movable deadbolt

Numeric Keys

Handle

Lock

Inner safety knob

Fingerprint area/Aperture

Handle

Unlock

Safety deadbolt

Settings

Keyhole

Battery

REMOVING THE EXISTING RV LOCK

FOR DOORS WITH HINGES ON THE RIGHT SIDE

▲ Zinc Alloy Material

▲ More Convenient and Safer

▲ Replaces Standard Handles with common
  Opening Size:3.75"x2.75"x1.5"(TallxWidexDeep)

1.Hold the RV door securely in the open position.
2.Find the 4 screws on the back of the handle and remove them (Fig.1).
If it's an electronic RV lock, unplug all the wires as well.
3.Take out the 2 screws and strike plate on the door side (Fig.2).
4.Remove the front part of the handle (Fig.3).
5.Clean the old sealant from the opening so that the area is ready for the new lock.

Fig. 1

Fig. 2

Fig. 3

INSTALLING THE KEYLESS DOOR LOCK

1. Unboxing Your RV Lock
Gently unbox your new RV Lock and place all the components on a flat, smooth surface.

2. Power Up with Batteries
Open the battery cover by removing the two screws and insert 4 AA batteries. For detailed battery installation instructions, please refer to Page 8.

3. Front Handle Installation
Slide the front handle of your new RV Door Lock into the door's front opening (Fig.4). When doing this, carefully guide the wires through the opening (Fig.5). Hold the front handle in place and attach the new strike plate to the side of the door jamb with the two shorter screws (Fig.6).

4. Connecting Wires
Hold the RV Door Lock's back handle and connect the battery wires to the front handle already inside the door (Fig.7). When the connection is successful, all the buttons light up briefly.

5. Attaching the Back Handle
Carefully align and attach the back handle while neatly stuffing any excess wires into the available space. Keep the paddle of the back handle closed while inserting the paddle tooth into the front handle housing. Be careful not to clamp or damage any wires during installation.

6. Screw Tightening
Use a #2 Phillips screwdriver to install the four longer screws. At this stage, only tighten the screws enough to hold the lock securely against the door (Fig.8).

7. Handle Alignment
Adjust and straighten the front handle inside the opening. Make sure it's properly aligned, and stays in place while fully tightening the four longer screws on the back handle. Be careful not to overtighten.

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

— 5 —

RV DOOR LOCK INSTRUCTIONS

O Key Buttons

Use the numbered keys from 1 to 9, 🔓 and 🔒 to operate the lock.

O LED Indicator Lights

The RV lock has three LED indicators - green, blue, and red, that provide the RV lock status information.

O Unlocking Options

Password, Fingerprint, Mechanical Keys, APP

O N20 Gear Motor

This motor operates on 3.7V and draws 0.3A of current, ensuring smooth and reliable door locking and unlocking.

O Power Sources

The RV lock can be powered by four 1.5V AA batteries or via a Type-C cable. Please note that the Type-C port is for supplying power to the device and cannot charge the battery compartment.

O Package Included

1x Door Lock, 4x Mechanical Keys,1x Strike Plate, 2x Short Screws, 4x Long Screws

O Battery Indicator Light

The lock features a battery indicator that informs you the remaining battery life.

O Factory Default Password

The initial password set at the factory is 123456.

LED INDICATOR LIGHT SIGNALS		
🔵	Blue Light On	Setting password mode; Lock the door
🟢	Green Light On	Correct password entered or number button pressed
🔴	Red Light On	Incorrect password entered
🔵 🔴	Blue and Red Flashing	Recording multiple passwords/fingerprints -enter first password to confirm before adding new ones

APP -- DOWNLOAD

The App can be downloaded by searching [**TUYA**]from the search engine or application markets, or by scan the below QR code to download and installation.

TUYA   APP

APP -- REGISTER & LOG IN

The users can user mobile phone number or email address to register the account. When registering, a verification code will be sent to the mobile phone or email address. After successful verification, you need to set a login password. Please use a combination of letters and numbers. After the password is set, jump to the home page directly. On the login page, please enter your mobile phone number or email address and enter your password to log in. If you forget the password, go to the forgot password page to reset the password.

Register

Mobile Number/Email

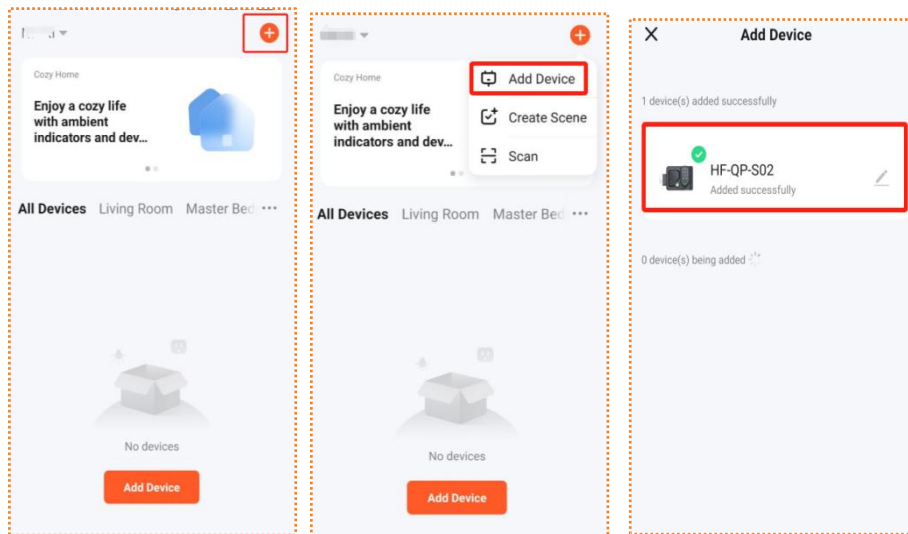☐ I Agree Privacy Policy User Agreement Children's Privacy Statement and Third Party Information Sharing List

Get Verification Code

APP -- ADDING DEVICE

First turn on the Bluetooth switch of the mobile phone. Adding RV door lock device at the app home page. Click right top corner [**+**] to adding the RV door lock, App will auto scan the RV door lock device and search for [HF-QP-S02] on the app home page to start Bluetooth pairing, and the green light indicates that the pairing is successful. At the same time, the mobile phone don't keep away from the lock too far. If don't search the lock for long time, please touch the lock keypad to active the RV door lock.
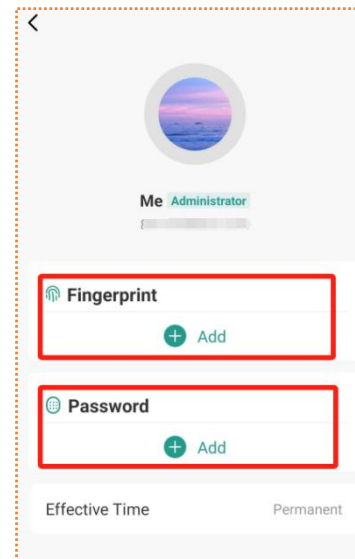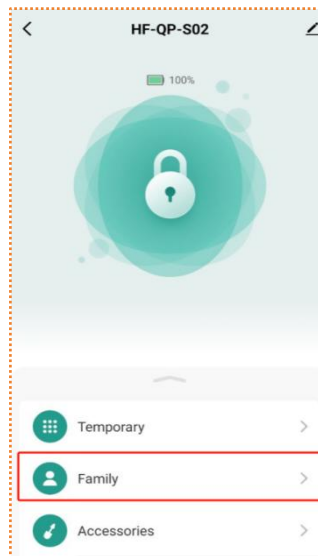

SPECIAL REMARKS

Adding device needs to be in the initial state or restored to factory settings. If the mechanical password or fingerprint settings have been used, the RV door lock is in the protected state and cannot be identified by the APP. In this case, the device needs to be restored to factory Settings before being added.

APP -- ADD AN ADMINISTRATOR

Add a fingerprint or password through the APP. Click [HF-QP-S02]→[Family]→[Me], select fingerprint or password addition. Collect fingerprints in the smart lock fingerprint area as page prompted, or set a 6-10 digits password on the APP page and confirm.
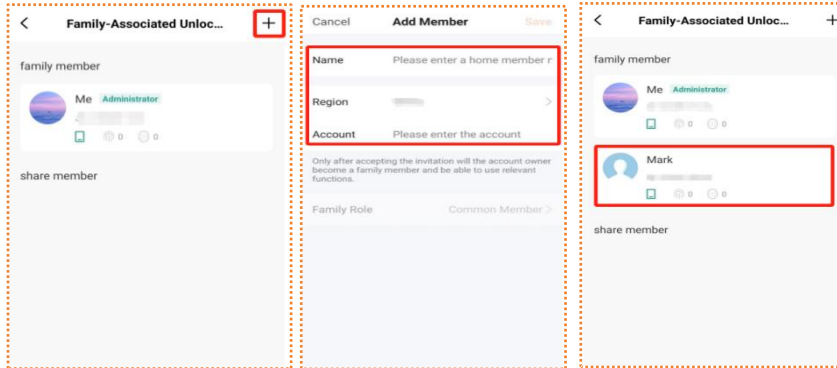
Fingerprinting

SPECIAL REMARKS：

A. You cannot set a number group with the same number or a combined number (for example: 888888/123456).
B. The first two people to add a fingerprint and password to the APP are both administrators.
C. The method of adding refers to the APP fingerprint settings and APP password settings.

APP -- ADD FAMILY MEMBERS

The added family member's phone must first download the app and register with a phone number or email address to log in. On the App home page, click [HF-QP-S02]→[Family]→Top right corner [+]→[Add Member]. Set member name, enter member app account [mobile number]. After a family member's phone accepts the invitation and connects to the smart lock via Bluetooth, the device is ready for use.
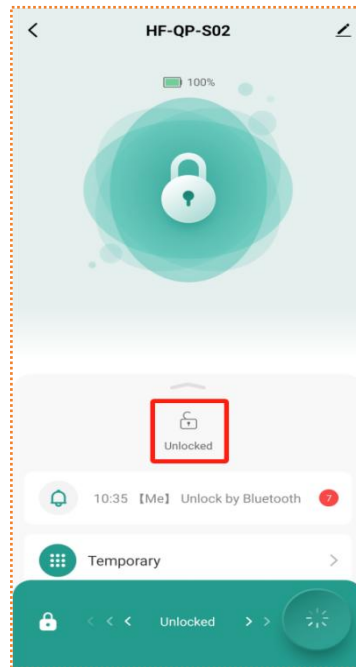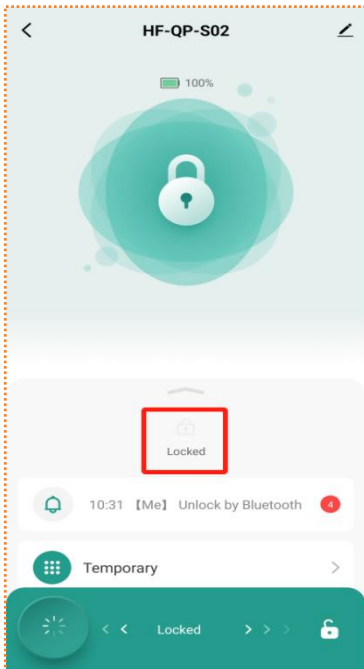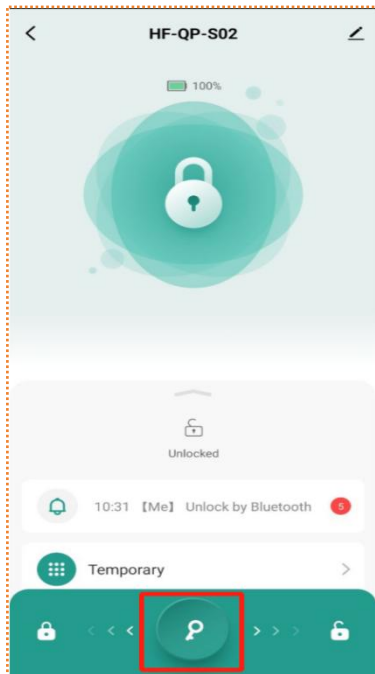

Special Remarks:
A.The device owner (administrator) can add or remove members from the family management through the APP.
B.The APP cannot be used by multiple people simultaneously connected to Bluetooth. Bluetooth connection is single channel. When multiple people are close to the smart lock at the same time, the person who matches the Bluetooth priority to connect and use the APP unlock function.
C.You can re-pair another member who needs to use the APP by disconnecting the Bluetooth from the phone of the person who is connecting.
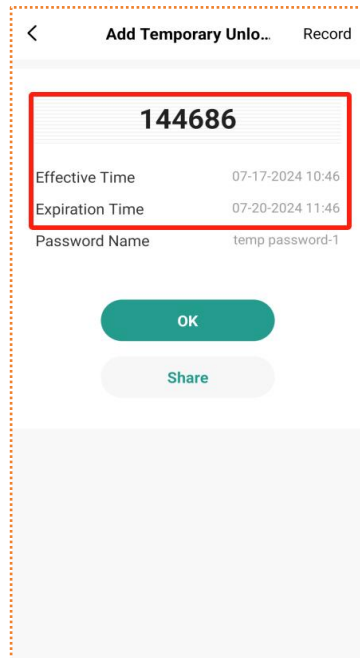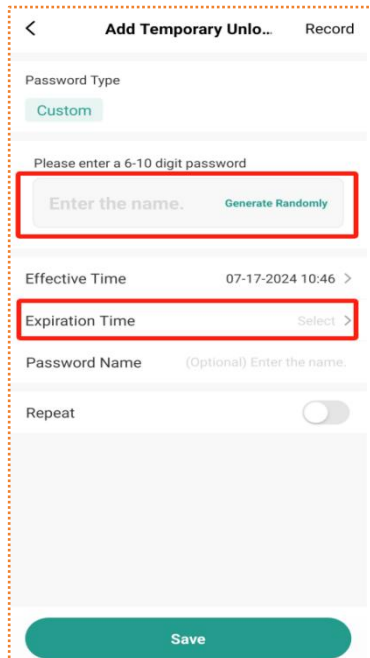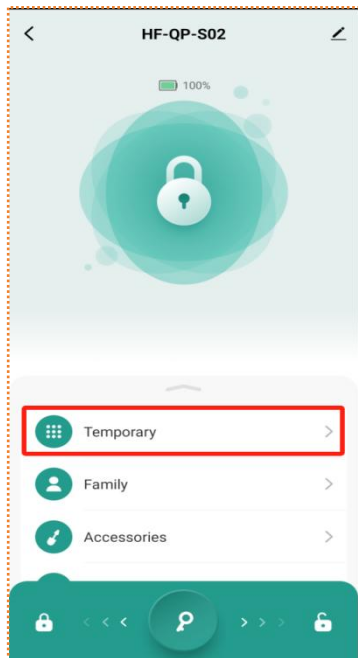
APP -- UNLOCK & LOCK

Open the APP, click the icon at the bottom of the page of the added smart lock device [HF-QP-S02], slide the icon to the right, and then the handle will turn and unlock. Slide the icon to the left, it locks.
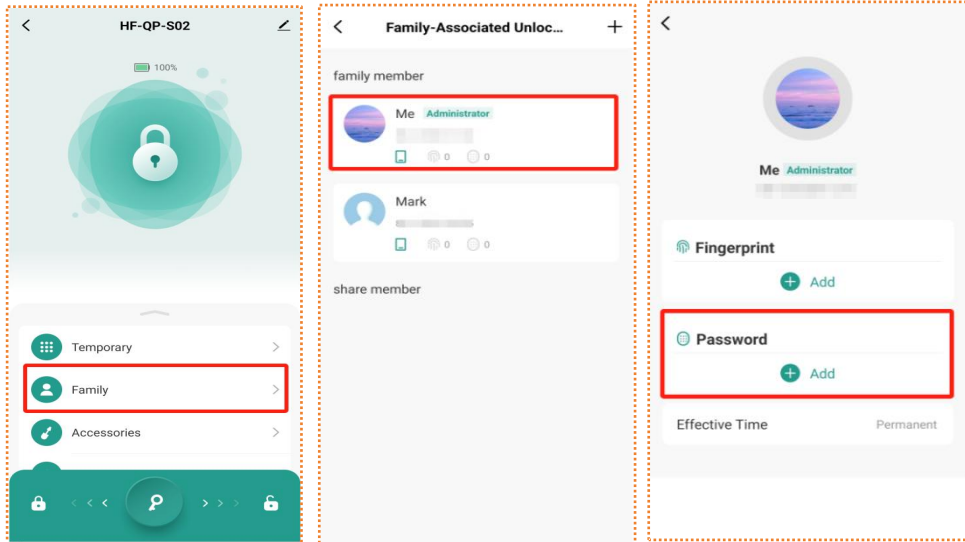
APP -- DYNAMIC PASSWORD UNLOCK

Open the APP, click the added smart lock device [HF-QP-S02]→[Temporary], click add password, or choose to randomly generate a set of passwords, set the expiration time and save. Copy the dynamic password and share it with your friend. Your friend only need to enter the dynamic password within the valid time +【Unlock】.

APP -- SET YOUR PASSWORD

Add a password via APP. Click [HF-QP-S02]→[Family]→[Me]→[Add]→[[Password]→[Add], enter the password you want to add on the page, and click [Save].
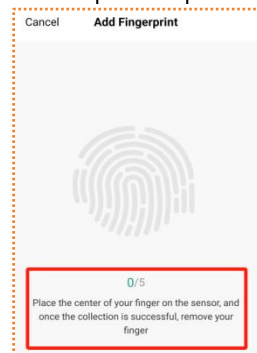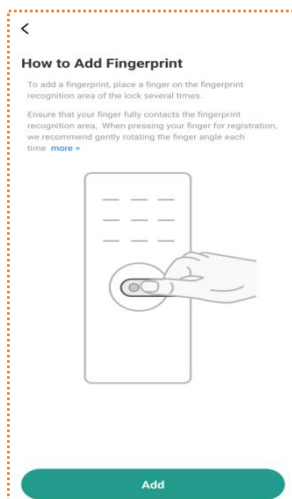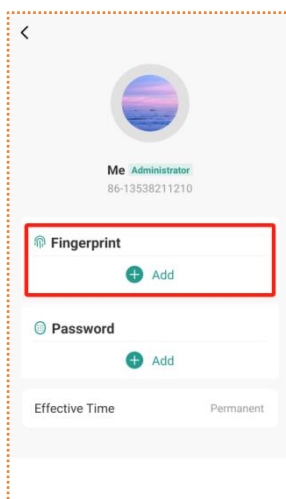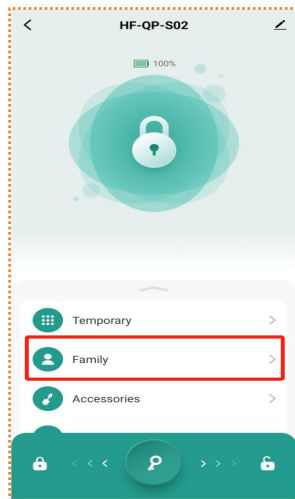

SPECIAL REMARKS:

A.**The first two people** to add a fingerprint and password to the APP are both administrators.

B.You cannot set a number group with the same number or a combined number (for example: 888888/123456).

APP -- SET YOUR FINGERPRINT

Add a fingerprint via APP. Click on [HF-QP-S02]→[Family]→[Me]→[Fingerprint]→[Add], the RV door lock indicator light shows blue, immediately add a member fingerprint to the fingerprint sensor of the RV door lock. When you press your finger on the fingerprint sensor, the green light blinks to indicate a successful record. You'll need to continuously record the same finger **5 times** until the green light stays on, indicating that the fingerprint setting is complete. If the red light flashes, it means the fingerprint was not successfully recorded. Please repeat the preceding steps to record the fingerprint again.

Fingerprinting

APP -- RESTORE FACTORY SETTINGS

Press the Settings button on the back of the lock for 10 seconds and wait for the light to change from green to blue and finally to red. Immediately press [Unlock] 🔓 and the light will turn green, the RV door lock is restored to factory settings successfully.

SPECIAL REMARKS：
After the RV door lock is restored to factory settings, all passwords and fingerprints set on the APP and those set on the mechanical lock are invalid and need to be re-entered and set. At this time, the factory default password is 123456, any fingerprint can open the RV door lock, please update the password and fingerprint in time.

Settings

Unlock

MECHANICAL SETTINGS -- IMPORTANT NOTES

The first digital password or fingerprint is the administrator's password or fingerprint. Therefore, when adding new digital passwords or fingerprints, the administrator's password or fingerprint confirmation is required first to prevent the unauthorized addition of new passwords and fingerprints.
If you do not use the APP Settings, you can also set a password or fingerprint on the RV door lock after resetting it to factory settings.

MECHANICAL SETTINGS -- ADD AN ADMINISTRATOR

A: Setting Your Password

Write your desired new password ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

　(The password is 6-10 digits)

Press the Settings button on the back of the RV door lock for 5 seconds. When the the indicator shows blue, you enter the new password setting mode. Please enter a 6 to 10 digits password, press [lock] 🔒 and when the green light turns blue, repeat the same password, and press [lock] 🔒 again. If the green light shows, your new password is successfully set. If a red light shows, it indicates that the password setting has failed, and you can restart the setting after the red light automatically turns off.
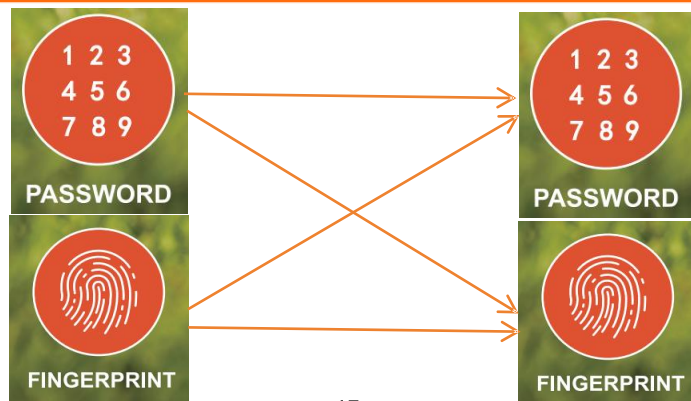
B: Setting Your Fingerprint

Press the Settings button on the back of the RV door lock for 5 seconds. When the the indicator shows blue, you enter the new fingerprint setting mode. When you press your finger on the fingerprint sensor, the green light flash to indicate a successful record. You'll need to continuously record the same finger 5 times until the green light stays on, indicating that the fingerprint setting is complete. If the red light flashes, it means the fingerprint was not successfully recorded. Please repeat the preceding steps to record the fingerprint again.

SPECIAL REMINDER FOR ADDING AN ADMINISTRATOR

1. The first password or fingerprint is the administrator's password or fingerprint. To set the second password or fingerprint, you need to enter the first administrator's password or fingerprint for authorization.

2. The first two passwords or fingerprints are administrator passwords or fingerprints.

3. To set the third password or fingerprint (non-administrator), the password or fingerprint of either of the first two administrators is required.

4. If you set the password first and then set the fingerprint, you need the password authorization to set the fingerprint.

5. If you set the fingerprint first and then set the password, you need the fingerprint authorization to set the password.

6. If you use the mechanical RV door lock first and then connect to the APP, at this time the smart RV door lock is in a protected state and cannot be identified with the APP, you need to restore the factory Settings, refer to the APP usage method.

MECHANICAL SETTINGS -- ADD FAMILY MEMBERS

A: Setting Your Password

Press the Settings button on the back of the RV door lock for 5 seconds. When the indicator blinks red and blue, you need to enter the administrator's password or fingerprint and press [Lock] 🔒. Then enter the password that needs to be added, press [Lock] 🔒 to confirm. Same password is repeatedly entered, and press [Lock] 🔒 again to confirm. The light will turn green, indicating that the password is successfully set.

B: Setting Your Fingerprint

Press the [Settings] button on the back of the RV door lock for 5 seconds. When the indicator blinks red and blue, you need to enter the administrator's password or fingerprint and press [Lock] 🔒 . Then immediately enter the fingerprint that needs to be added, and when you place your finger on the fingerprint sensor, the green light flashes to indicate a successful record. You'll need to continuously record the same finger 5 times until the green light stays on, indicating that the fingerprint setting is complete. If the red light flashes, it means the fingerprint was not successfully recorded. Please repeat the preceding steps to record the fingerprint again.

PASSWORD LOCK AND UNLOCK

After entering the correct password on the RV lock keypad, press [Unlock] 🔓 to unlock the RV door lock. To Lock it, press the [Lock] 🔒 on the RV door lock keyboard.

SPECIAL REMARKS:
If you enter the wrong password 5 times in a row, the RV door lock will automatically lock for 3 minutes. After that, you can enter your password again.

After entering the correct password .

press [Unlock] to unlock the RV door lock.

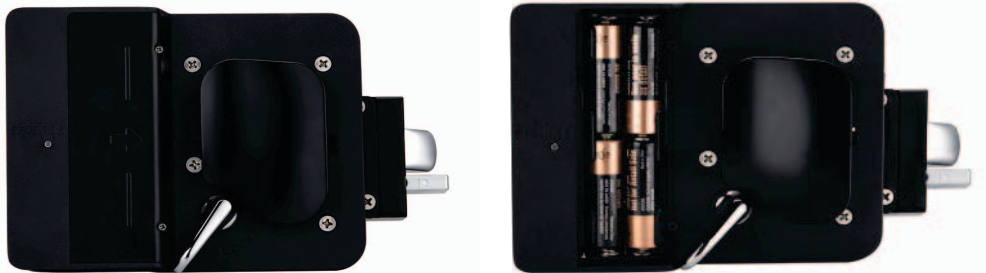To Lock it, press the [Lock] on the RV door lock keyboard.

FINGERPRINT LOCK AND UNLOCK

When the finger is placed on the fingerprint sensor, the green light flashes, indicating that the RV door lock is unlocked at this time. To Lock it, press the [Lock] 🔒 on the RV door lock keyboard.

BATTERY INSTALLATION & REPLACEMENT

Remove the two screws securing the battery cover on the back of the handle and install four AA alkaline batteries.

Note:
1.When replacing the batteries, use high-quality, fully charged alkaline batteries.
2.When the power indicator light flashes red constantly, please replace the batteries for optimal performance.
3.Replacing the batteries in the handle will not affect the current key FOB programming.
4.To extend battery life and prevent damage to the handle, please remove all batteries from the handle during non-travel seasons.

FCC Caution

FCC WARNING 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. Any 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 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 isencouraged 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. To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

ELECTRONIC SMART RV LOCK / HF-QP-S02

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