APPLink
Smartphone Remote Control System

10-90320-xEN Version: 0.5

AAVAQ

Precautions

1. It is strictly forbidden for any persons/objects to stand around or pass through the gate body when it is in operation. In case of any safety accident, one will be responsible for their own consequences;
2. Putting your hands at the connecting part of gate plate or gate opener is strictly forbidden;
3. When opening or closing the door, make sure to point the camera at the gate or keep watching the video without leaving it out of sight;
4. The company's APPLink intelligent remote control system needs to be installed with Stop/rebound, IR interface in case of obstacles. If not assembled according to the requirements, that will be at one's own risk;
5. The product must be installed by professional personnel. If the product is operated by non-professional personnel, it will be not covered by the warranty;
6. The installation personnel shall install the product strictly in accordance with the product instructions. If not, it will be not covered by the warranty;
7. It is strictly prohibited for children to operate the product without supervision;
8. If any problems in use, please contact the dealer in time.

If this product is not installed in accordance with the above requirements, it will not be covered by the warranty.

Technical Parameters

Camera	Sensor type, lens	1/3" CCD, 8mm
	Network connection method	It can be connected and viewed at any time through 3G/4G traffic and WiFi. The image is clear and the picture is smooth, and the camera does not need to be connected with network cable.
	Day/night conversion mode	ICR type
Compression Standard	Video compression standard	H.264
	Video compression rate	Three levels (high-definition, balanced, and smooth), compression rate self-adaptive
	Audio compression standard	AAC
	Audio compression rate	Compression rate adaptive
Image	Definition, frame rate	1080P, 30FPS
	Night vision distance	20m
Network Function	Storage	Support Micro SD card (up to 64G)
	One-click configuration	SmartConfig (WiFi one-click configuration)
Wireless Parameters	Wireless standard	IEEE802.11b/g/n
	Server interconnection technology	Adopt P2P transparent transmission technology
	Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
	Transmission rate	11b: 11Mbps, 11g: 54Mbps, 11n: 135Mbps
Rf Parameters	Power	-45dB
	Maximum remote control distance	80m
	Frequency	433.92 MHZ +/- 0.3MHz
	Anti-theft password	Rolling-code security technology, with the code repetition rate < 1/4,000,000,000
General Specifications	Working temperature and humidity	-20°C to +60°C, < 95% RH (no condensation)
	Power supply	AC100V ~ AC250V
	Power consumption	10W max.
	Weight	576g (bare)

Step 1 / Download and Install the APP

Scan QR Code below to Download and Install the AAVAQ APPLink OwnDoor APP:

Android Mobile Phones

Apple Mobile Phones

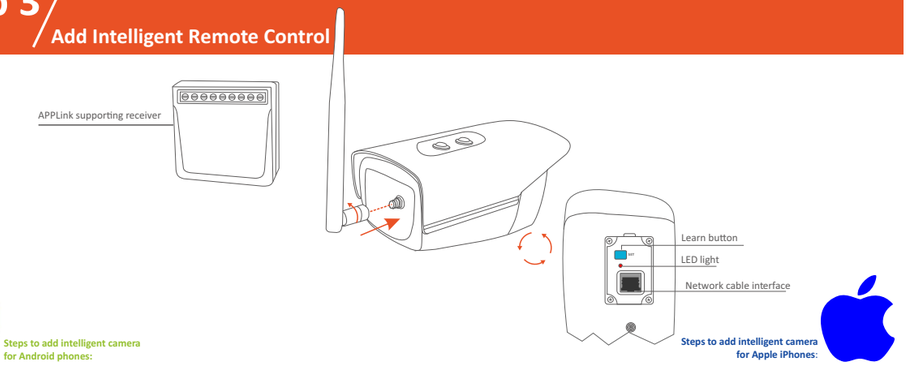
Step 2 / Register and Login the Account

① Open the APPLink software and click **Register**.

② First fill in the **mobile phone number/email** address; enter the **password** you want to set (8 digits); click **Get the verification code**, and then fill it in after receiving the verification code; after filling in, click **Register**.

③ Fill in the registered **mobile phone number/email** address and **password**, and click **Login**.

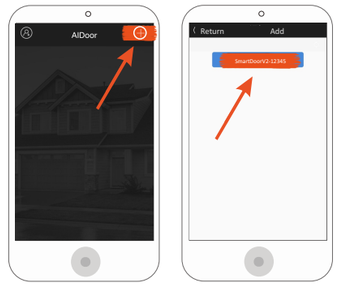
Step 3 / Add Intelligent Remote Control



Steps to add intelligent camera for Android phones:

APPLink software can control 8 APPLink intelligent cameras/APPLink intelligent Bluetooth controllers at the same time. To add a new APPLink intelligent camera, please follow the steps below:

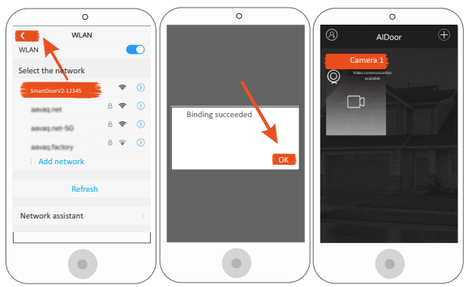
1. **Power on** the APPLink intelligent remote control system, and wait for 10 seconds to start it up. Then the LED light will flash slowly in red, which indicates that the APPLink intelligent remote control system is in a standby state.
2. If you want to connect it through **wireless network** (WiFi), confirm that there is a wireless network that can be connected to the APPLink intelligent camera in this area. If you want to connect it through **wired network** (LAN), please plug the network cable into the network cable interface, where the green network cable indicator light is always ON.
3. Press the **learn button** of the APPLink camera once. The LED light will flash quickly in red, which indicates that the APPLink intelligent system is in the searchable mode (if there is no learning action within 1 minute, it will automatically return to the standby state).
4. Click ⚙ in the upper right corner, and select **The No. of device** to be added (the device No. is the CIP No. of the APPLink intelligent camera).



5a In case of **Wireless Network**,
a) Fill in the name (the name cannot be modified after binding);
b) Select the name of the wireless network to be connected and enter the password of this network;
c) Click "Start binding the device".
(Note: 5G wireless network is not supported).

5b In case of **Wired Network (LAN)**,
a) Fill in the name (the name cannot be modified after binding);
b) Wireless network settings: fill in "00" in the WiFi field and "000000" in the password field;
c) Click "Start binding the device".

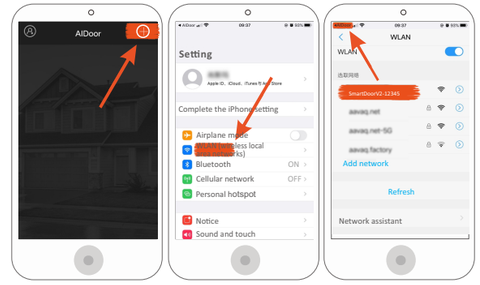
6 Select the **No. of device** to be added, and click **Return** after 10 seconds, then click **OK** after the binding is succeeded; at this time, the connected APPLink intelligent camera will be displayed on the page, which indicates that the intelligent remote camera has been successfully added.



Steps to add intelligent camera for Apple iPhones:

APPLink software can control 8 APPLink intelligent cameras/APPLink intelligent Bluetooth controllers at the same time. To add a new APPLink intelligent camera, please follow the steps below:

1. **Power on** the APPLink intelligent remote control system, and wait for 10 seconds to start it up. Then the LED light will flash slowly in red, which indicates that the APPLink intelligent remote control system is in a standby state.
2. If you want to connect it through **wireless network** (WiFi), confirm that there is a wireless network that can be connected to the APPLink intelligent camera in this area. If you want to connect it through **wired network** (LAN), please plug the network cable into the network cable interface, where the green network cable indicator light is always ON.
3. Press the **learn button** of the APPLink camera once. The LED light will flash quickly in red, which indicates that the APPLink intelligent system is in the searchable mode (if there is no learning action within 1 minute, it will automatically return to the standby state).
4. Click ⚙ in the upper right corner, click Jump to **Wi-Fi setting**, then click **WLAN**; select **The No. of device** to be added (the device No. is the CIP No. of the APPLink intelligent camera), and click "Return" after 10 seconds.

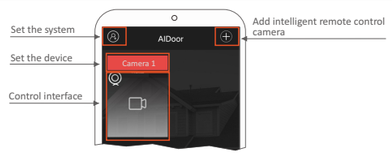


5a In case of **Wireless Network**,
a) Fill in the name (the name cannot be modified after binding);
b) Enter the name of the wireless network to be connected to and the password of this **network**;
c) Click "Start binding the device". (Note: 5G wireless network is not supported).

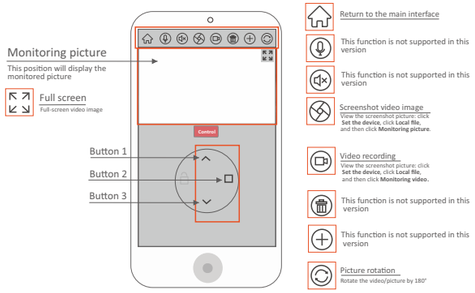
5b In case of **Wired Network** (LAN),
a) Fill in the name (the name cannot be modified after binding);
b) Click "Start binding the device"

6 Click **OK**. Then the connected APPLink intelligent camera will be displayed on the page, which indicates that the intelligent remote camera has been successfully added.

Software Operation Instructions

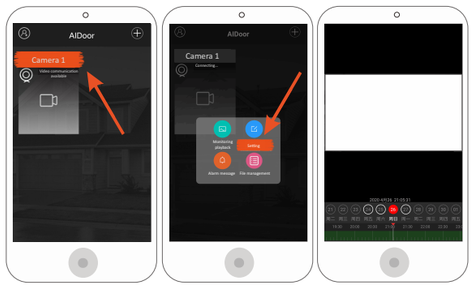


Introduction to Control Interface



Monitoring Playback

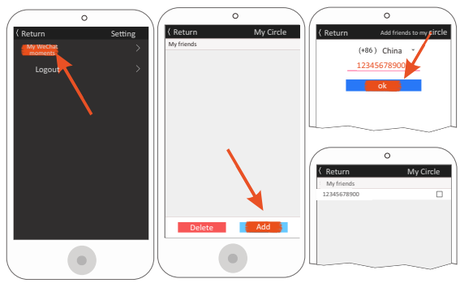
APPLink is equipped with a 16G Micro SD card as standard when delivered from the factory, in which the monitoring video of about 120 hours can be stored. (If you want to store the monitoring video of a longer period of time, you can buy a Micro SD card of larger memory, up to 64G). The viewing steps are as follows: click **Set the device**, and then click **Setting** to select the monitoring video of the date and time period you want to view.



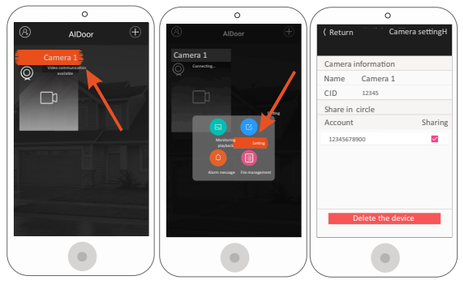
Share Intelligent Remote Control Camera

After the APPLink intelligent camera is added, it can be shared to your family/friends/colleagues. The person who accepts sharing can view the monitoring picture and control the gate body, but cannot delete the connected device/share it to the others once again. If the sharing person deletes the device, the person who accepts sharing can no longer use this device. The sharing steps are as follows:

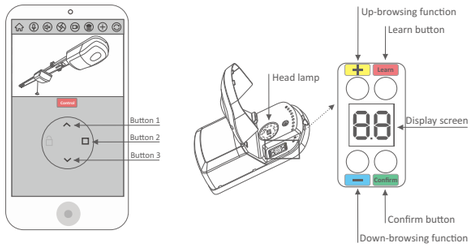
① Click **Device/system** in the upper left corner, click **My Circle**, and then click **Add**. Fill in the mobile phone number/email address of the friend to be added (the friend who accept sharing has downloaded and registered in advance), and click **OK**. Then it is added successfully.



② Select the device you want to share, click **Set the device**, and then click **Setting** to tick the mobile number/email address of the friends with whom you want to share; at this time, the sharing is successful. This device can be shared to 50 friends.



Garage Door Opener S/SX Series /Step 4



Code matching: **One-button cyclic Open/Stop/Close**

It is **not necessary** to connect the APPLink supporting receiver to the opener in case of this function.

- Press the opener's Learn button once;
- Press the opener's button once until the display screen shows ;
- Press the desired button on the APP twice (e.g., Button 2) until the head lamp flashes quickly and the display screen shows ;

→ The code matching is completed. (For example, Button 2 on the APP indicates the cyclic "Open/Stop/Close" function now).

Wiring/code matching: **Three buttons separately control Open, Stop, and Close**

If you want to set Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please first connect the APPLink supporting receiver to the circuit board of garage gate opener according to the figure below, then code-match and set the gate opener according to the following steps.

APPLink supporting receiver

Circuit board of the opener

1. Code-match **only the Open** function

- Press the opener's Learn button once;
- Press the opener's button twice until the display screen shows ;
- Press **Button 1** on the APP twice until the head lamp flashes quickly and the display screen shows ;

→ The code matching is completed.

2. Code-match **only the Close** function

- Press the opener's Learn button once;
- Press the opener's button twice until the display screen shows ;
- Press **Button 3** on the APP twice until the lighting lamp flashes quickly and the display screen shows ;

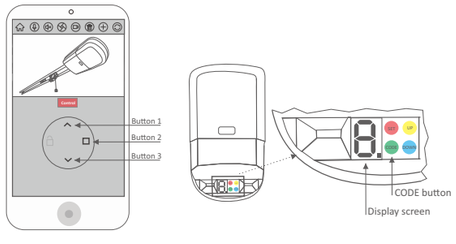
→ The code matching is completed.

3. Enable the **Stop** function

- Press the opener's buttons and once simultaneously until the display screen shows ;
- Press the opener's button once until the display screen shows ;
- Press the opener's button twice until the display screen shows ; press the opener's button once for confirmation;
- Press the opener's button once to exit the menu;

→ The enabling is completed.

Garage Door Opener T+ Series /Step 4



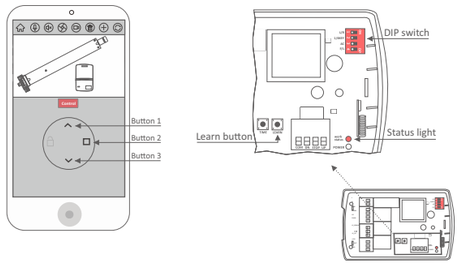
Code matching: **One-button cyclic Open/Stop/Close**

It is **not necessary** to connect the APPLink supporting receiver to the opener in case of this function.

- Long-press the opener's button for 3 seconds until the dot in the display screen starts to flash;
- Press the desired button on the APP twice (e.g., Button 2). The dot on the display screen flashes and then goes out;

→ The code matching is completed. (For example, Button 2 on the APP indicates the cyclic "Open/Stop/Close" function now).

Tubular Motor TM Series /Step 4



Code matching: **One-button cyclic Open/Stop/Close**

It is **not necessary** to connect the APPLink supporting receiver to the opener in case of this function.

Confirm that **DIP2** shall be in the **ON** position.

- Press the opener's Learn button once. Then the status light flashes;
- Press the desired button on the APP twice (e.g., Button 2). The status light flashes quickly and then door out;

→ The code matching is completed. (For example, Button 2 on the APP indicates the cyclic "Open/Stop/Close" function now).

Code matching: **Three buttons separately control Open, Stop, and Close**

If you want to set Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please follow the steps below for code-matching.

Confirm that **DIP2** shall be in the **OFF** position.

1. Code-match the **Open** function

- Press the opener's Learn button once. Then the status light flashes;
- Press **Button 1** on the APP twice. The status light flashes quickly and then goes out;

→ The code matching is completed.

2. Code-match the **Stop** function

- Press the opener's Learn button twice. Then the status light flashes twice;
- Press **Button 2** on the APP twice. The status light flashes quickly and then goes out;

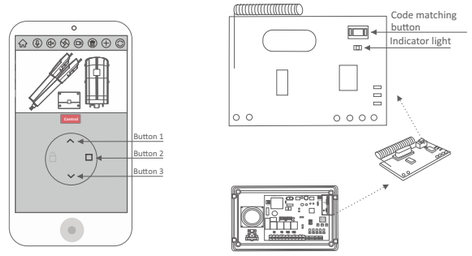
→ The code matching is completed.

3. Code-match the **Close** function

- Press the opener's Learn button for three times. Then the status light flashes for three times;
- Press **Button 3** on the APP twice. The status light flashes quickly and then goes out;

→ The code matching is completed.

Swing Gate Opener PK/V2/Rumba Series /Step 4



Code matching: **One-button cyclic Open/Stop/Close** (double-leaf gate)

It is **not necessary** to connect the APPLink supporting receiver to the opener in case of this function.

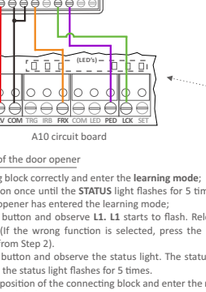
- Press the opener's CODE matching button twice. Then the indicator light flashes twice;
- Press the desired button on the APP twice (e.g., Button 2). The indicator light flashes quickly and then goes out;

→ The code matching is completed..

Code matching: **Three buttons separately control Open, Stop, and Close** (double-leaf gate)

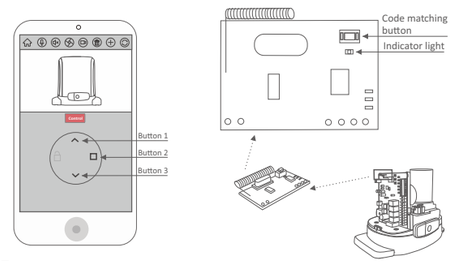
If you want to set Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please connect the APPLink supporting receiver to the circuit board of the gate opener according to the figure below.

APPLink supporting receiver



PK/V2/Rumba series control box's circuit board

Sliding Gate Opener Q3 Series /Step 4



Code matching: **One-button cyclic Open/Stop/Close**

It is **not necessary** to connect the APPLink supporting receiver to the opener in case of this function.

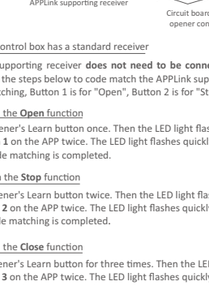
- Press the opener's CODE matching button twice. Then the indicator light flashes twice;
- Press the desired button on the APP twice (e.g., Button 2). The indicator light flashes quickly and then goes out;

→ The code matching is completed.

Wiring: **Three buttons separately control Open, Stop, and Close.**

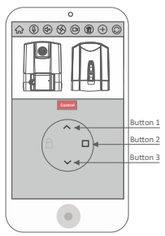
If you want to set Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please connect the APPLink supporting receiver to the circuit board of the gate opener according to the figure below.

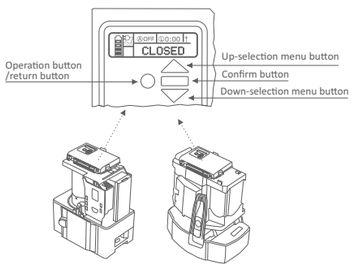
APPLink supporting receiver



Q3 series circuit board

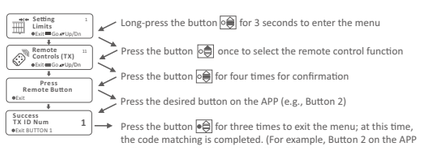
Sliding Gate Opener D Series /Step 4





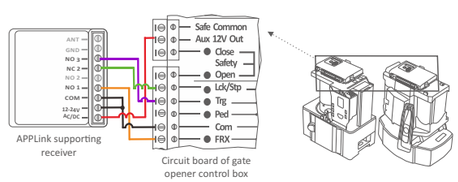
Code matching: **One-button cyclic Open/Stop/Close**

It is not necessary to connect the APPLink supporting receiver to the opener in case of this function.

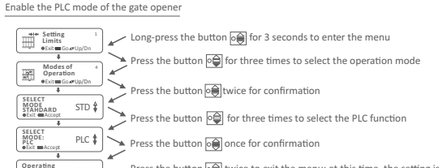


Wiring: **Three buttons separately control Open, Stop, and Close.**

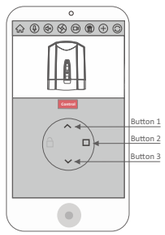
If you want Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please first connect the APPLink supporting receiver to the circuit board of the gate opener according to the figure below, and then enable the PLC mode of the gate opener.

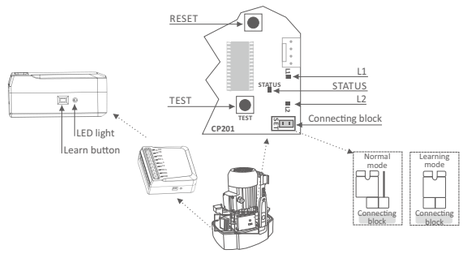


Enable the PLC mode of the gate opener



Sliding Gate Opener A Series /Step 4





Code matching: **One-button cyclic Open/Stop/Close**

It is not necessary to connect the APPLink supporting receiver to the opener in case of this function.

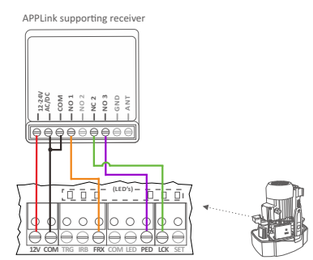
- Press the receiver's Learn button once. Then the LED light flashes once;
- Press the desired button on the APP twice (e.g., Button 2). The LED light of the receiver flashes quickly and then goes out;

→ The code matching is completed. (For example, Button 2 on the APP indicates the cyclic "Open/Stop/Close" function now).

Wiring/code matching: **Three buttons separately control Open, Stop, and Close**

If you want to set Button 1 as "Open", Button 2 as "Stop", and Button 3 as "Close", please first connect the APPLink supporting receiver to the circuit board of the gate opener according to the figure below, and then enable the PLC mode of the gate opener.

APPLink supporting receiver



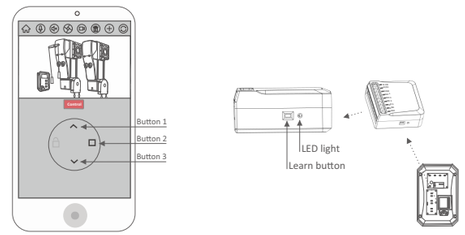
A10 circuit board

Enable the PLC mode of the door opener

- Install the connecting block correctly and enter the **learning mode**;
- Press the **RESET** button once until the **STATUS** light flashes for 5 times, and both **SET** and **L2** light up. At this time, the opener has entered the learning mode;
- Long-press the **TEST** button and observe **L1. L1** starts to flash. Release the TEST button until **L1** flashes for 4 times. (If the wrong function is selected, press the **RESET** button once and then restart it once again from Step 2).
- Long-press the **TEST** button and observe the status light. The status light starts to flash. Release the **TEST** button until the status light flashes for 5 times.
- Restore to the initial position of the connecting block and enter the **normal mode**.

→ The setting is completed.

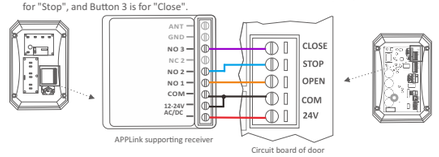
Industrial Sectional Door Opener i/h Series /Step 4



Wiring/code matching: **Three buttons separately control Open, Stop, and Close**

- The opener's control box has no standard receiver

Please connect the APPLink receiver with the door opener as shown in the figure below; after that, you can use/operate it. After connection, Button 1 is for "Open", Button 2 is for "Stop", and Button 3 is for "Close".



- The opener's control box has a standard receiver

The APPLink supporting receiver **does not need to be connected** to the gate opener. You just need to follow the steps below to code match the APPLink supporting receive to the door opener. After code matching, Button 1 is for "Open", Button 2 is for "Stop", and Button 3 is for "Close"

1. Code-match the **Open** function

- Press the opener's Learn button once. Then the LED light flashes once;
- Press **Button 1** on the APP twice. The LED light flashes quickly and then goes out;

→ The code matching is completed.

2. Code-match the **Stop** function

- Press the opener's Learn button twice. Then the LED light flashes twice;
- Press **Button 2** on the APP twice. The LED light flashes quickly and then goes out;

→ The code matching is completed.

3. Code-match the **Close** function

- Press the opener's Learn button for three times. Then the LED light flashes for three times;
- Press **Button 3** on the APP twice. The LED light flashes quickly and then goes out;

→ The code matching is completed.