

Barrier APP

User Manual

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 **Note**	Provides additional information to emphasize or supplement important points of the main text.
 **Caution**	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 **Danger**	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

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Chapter 1 Introduction

1.1 Introduction

Barrier APP (hereinafter referred to as the “app”) can connect to a barrier gate via Bluetooth, realizing remote control, parameters configuration, and log viewing through the app. It facilitates device management and enhances operational efficiency.

1.2 Download APP

- For iOS system, search **Barrier** on the App Store to download the app.
- For Android system, scan the QR code below to download the app.



Figure 1-1 Download APP (Android)

Chapter 2 Device Pairing

Open the app, search the barrier gate (hereinafter referred to as the “device”), and pair it for remote configuration and control.

Before you start

Allow the app to access the location and Bluetooth function.

Step 1 (Optional) Tap in the top right corner, and set the app language as needed.

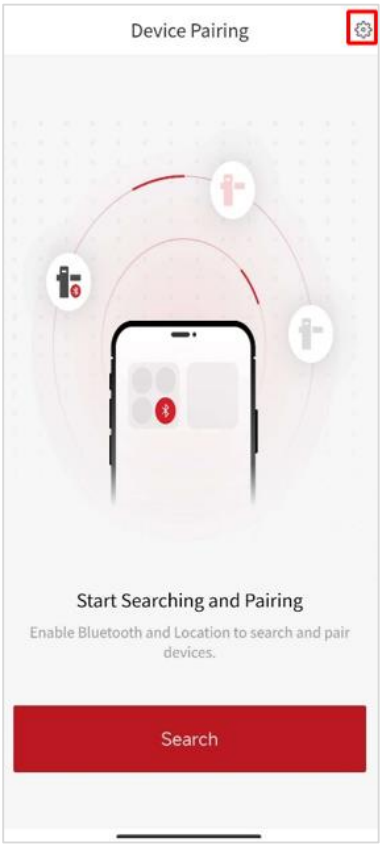


Figure 2-1 Set Language

Step 2 Tap **Search**, and keep your mobile phone close to the device.

Note

Only certain device models support app control.

Step 3 Tap **Refresh** and select the device from the device list.

Step 4 Set the verification code for the first login.

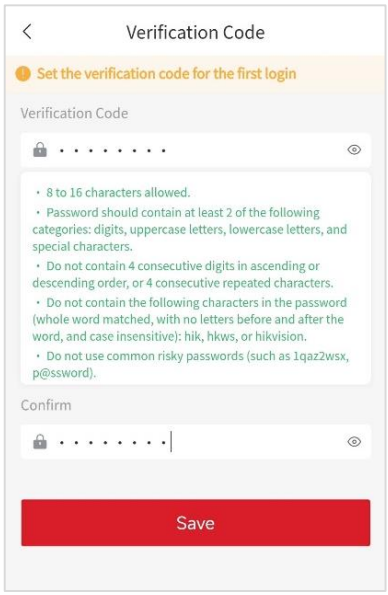


Figure 2-2 Set Verification Code

Note

Please set the verification code according to the requirements on the page.

Step 5 Confirm the verification code, and tap **Save**.

Step 6 Enter the verification code, and tap **OK** to enter the homepage.

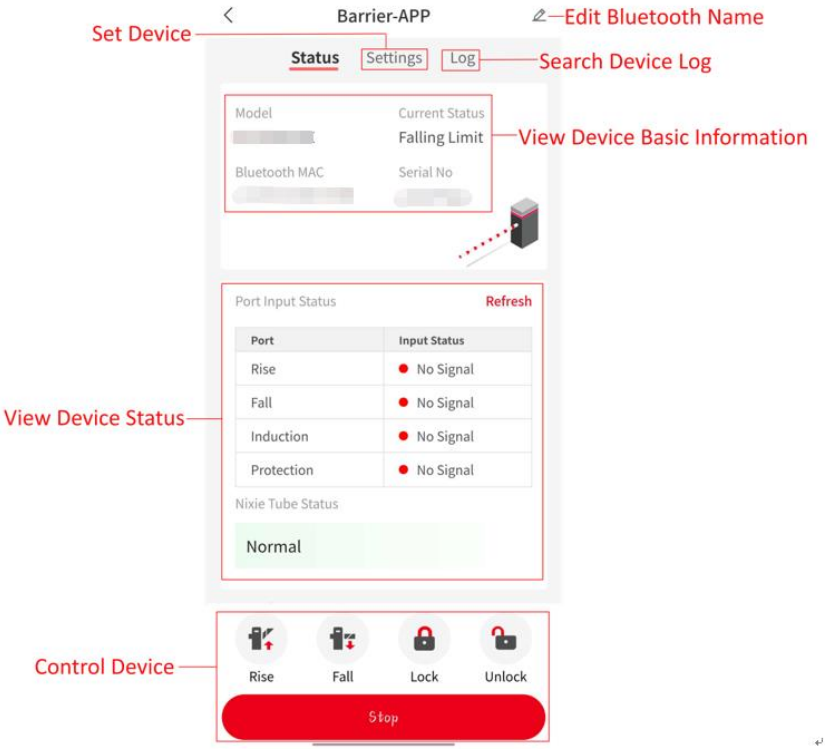


Figure 2-3 Enter Homepage

Chapter 3 Configuration

3.1 Set Device Parameters

Set the device basic parameters according to the actual situation, including boom pole type, boom pole length, and direction.

Before you start
Ensure the boom pole is raised before configuration.

Step 1 Tap **Settings** → **Basic Settings**.

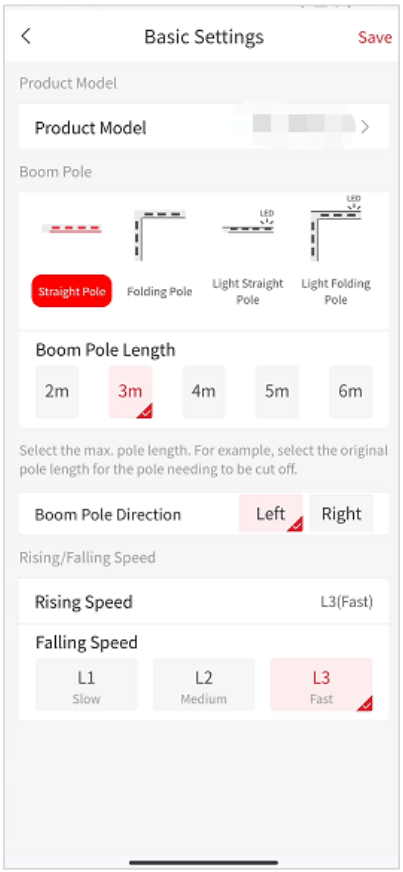


Figure 3-1 Set Basic Parameters

Step 2 Select **Product Model** according to the actual device.

Note

You can find the device model from the label on the side of the device.

Step 3 Set the boom pole type.

Step 4 Select the boom pole max. length and direction.

Note

If the boom pole needs to be cut off cut off, select the original length.

Step 5 Select the boom pole rising and falling speed. L1 is the slowest and L3 is the fastest.

Step 6 Tap **Save**.

What to do next

To apply the settings, power off and reboot the device, and then go to **Settings** → **Advanced Settings**, and tap **Barrier Gate Learning** to perform rising/falling limit learning. Do not perform any operations during the learning process.

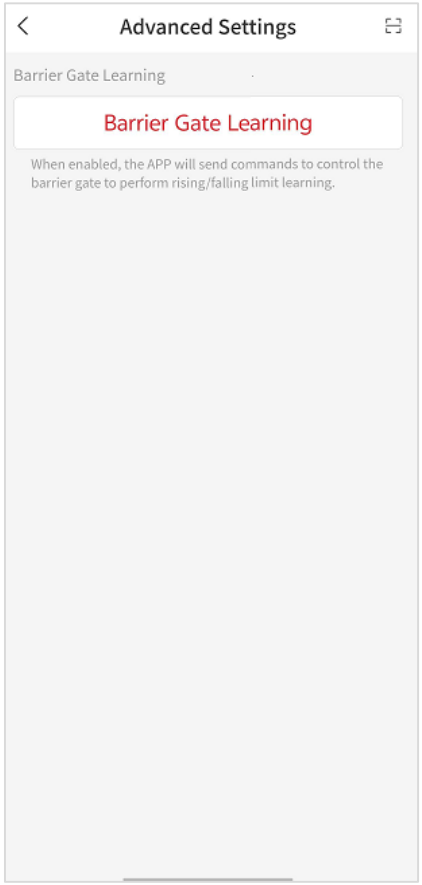


Figure 3-2 Rising/Falling Limit Learning

3.2 Pair Remote Controller

You can add a remote controller to pair with the device, and control the boom pole via the remote controller.

Step 1 Tap **Settings** → **Remote Controller Settings**.

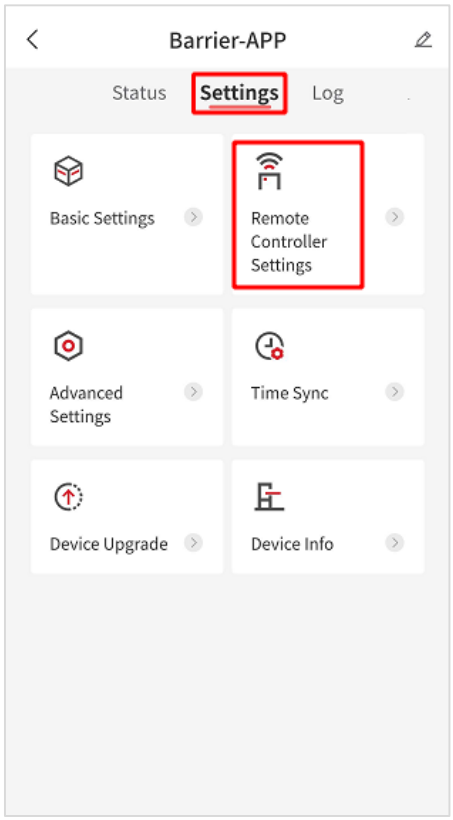


Figure 3-3 Set Remote Controller

Step 2 Tap **Start Pairing**.

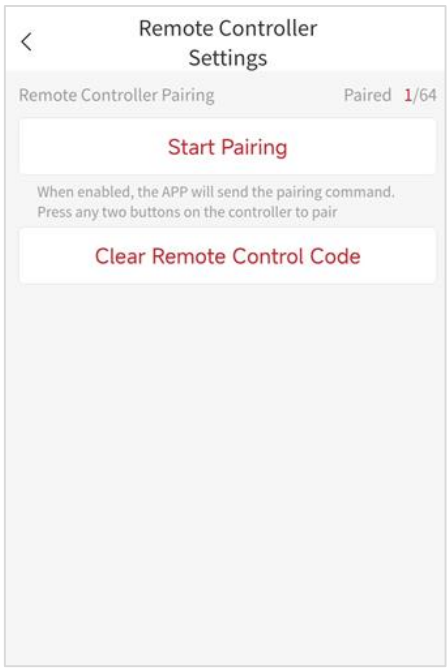


Figure 3-4 Start Pairing

Step 3 Press any two buttons on the remote controller to pair.

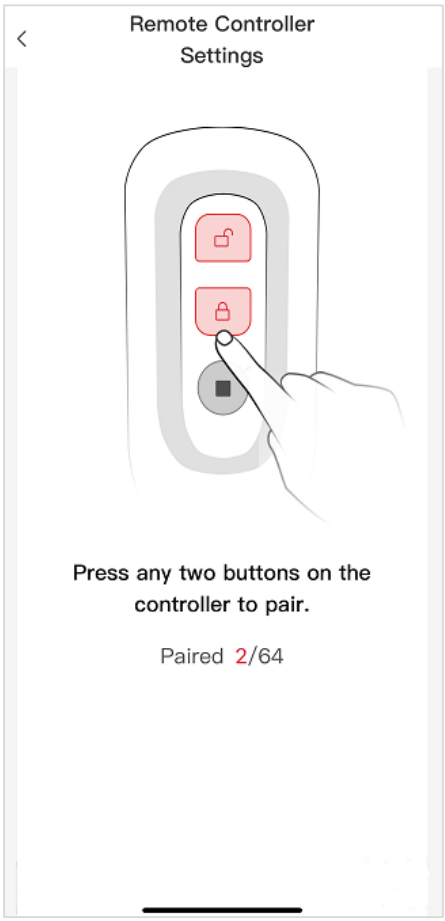


Figure 3-5 Pairing

Step 4 (Optional) View the number of added remote controllers in the upper right corner.

Note

Up to 64 remote controllers are allowed.

Step 5 (Optional) Tap **Clear Remote Control Code** to clear all remote controllers.

Note

Clearing may fail if the boom pole is raised using the remote controller. If failed, please fall the boom pole with the remote controller and raise it via the app, and then try again.

3.3 Control Device

View the device real-time status and control the boom pole.

Step 1 Tap **Status**.

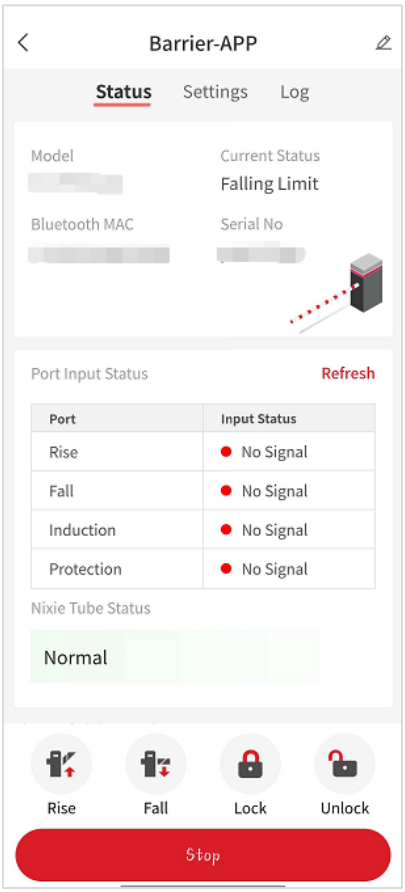


Figure 3-6 View Device Status

Step 2 View the device basic information and current status.

- **Port Input Status**: Tap **Refresh** to view the input status of each port.
- **Nixie Tube Status**: View the device nixie tube status. Refer to the user manual of the corresponding barrier gate for details.
- **Times of Rising Barrier Gate**: View the total number of times the boom pole has been raised.

Step 3 Control the device as needed.

- **Open**: Tap to open the boom pole.
- **Close**: Tap to close the boom pole.
- **Lock**: Tap to lock the boom pole.
- **Unlock**: Tap to unlock the boom pole.
- **Stop**: Tap to stop the movement of the boom pole.

Caution

Do not stand under the barrier gate boom pole.

Chapter 4 Maintenance

4.1 View Device Information

Tap **Settings** → **Basic Info** to view the device basic information and current settings.

4.2 Synchronize Time

Synchronize the device time when it is inconsistent with the actual time.

Note

It is recommended to synchronize the device time after each power-on. Otherwise the log time will be inaccurate.

Step 1 Tap **Settings** → **Time Sync**.

Step 2 Select the mode.

- **Device Time**: Select it to synchronize the device time with your mobile phone.
- **Set Manually**: Select it to enter the date and time manually.

Step 3 Tap **Save**.

4.3 Upgrade

Upgrade the device version as needed.

Before you start

Save the upgrade package to your mobile phone in advance. You can get the upgrade package from our after-sales technical support.

Step 1 Tap **Settings** → **Upgrade**.

Step 2 Tap **OK** in the pop-up window, and select the upgrade file.

Note

- The upgrade process will take 1 to 5 minutes. Do not cut off the device power supply.
- Keep the app running in the foreground. Do not exit the app, switch to the background, or lock the screen.

Result

The device will reboot automatically after upgrade.

4.4 Search Log

View the device logs to locate and troubleshoot problems, including fault information, operation records, and status. You can get all logs, or get logs by quantity or time.

Step 1 Tap **Log**.

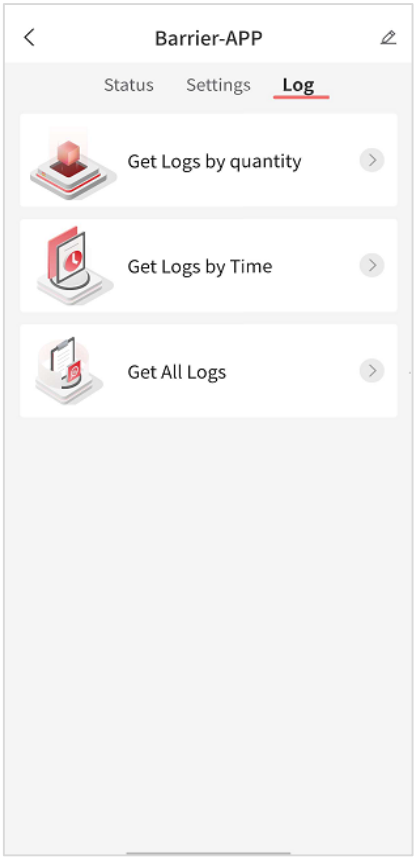


Figure 4-1 Search Log

Step 2 Select the search condition.

Get Logs by Quantity

Enter the log quantity, and tap **Search** to view the corresponding recent logs.

Get Logs by Time

Set the start time and end time, and tap **OK** to view the logs within the time period.

Get All Logs

Tap to view all logs.

Step 3 (Optional) Tap **Export** to save the logs to your mobile phone, and you can view the storage path in the pop-up window.


See Far, Go Further