Catering Delivery APP User Manual 1.4

—— Technical Development Department

Change Log

Version	Revised content	Revisers	Revision date	Whether to review	The approver	Date of approval
1.0	first draft	Zhang Zhiyang	2025/02/14	Yes		
1.0	final draft	Shu Lulu	2025/03/03	Yes		

Catalogue

01. Delivery Mode

02. Birthday Mode

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04. Dish-Return Mode

05. Promotion Mode

06. Introduction to Basic Settings

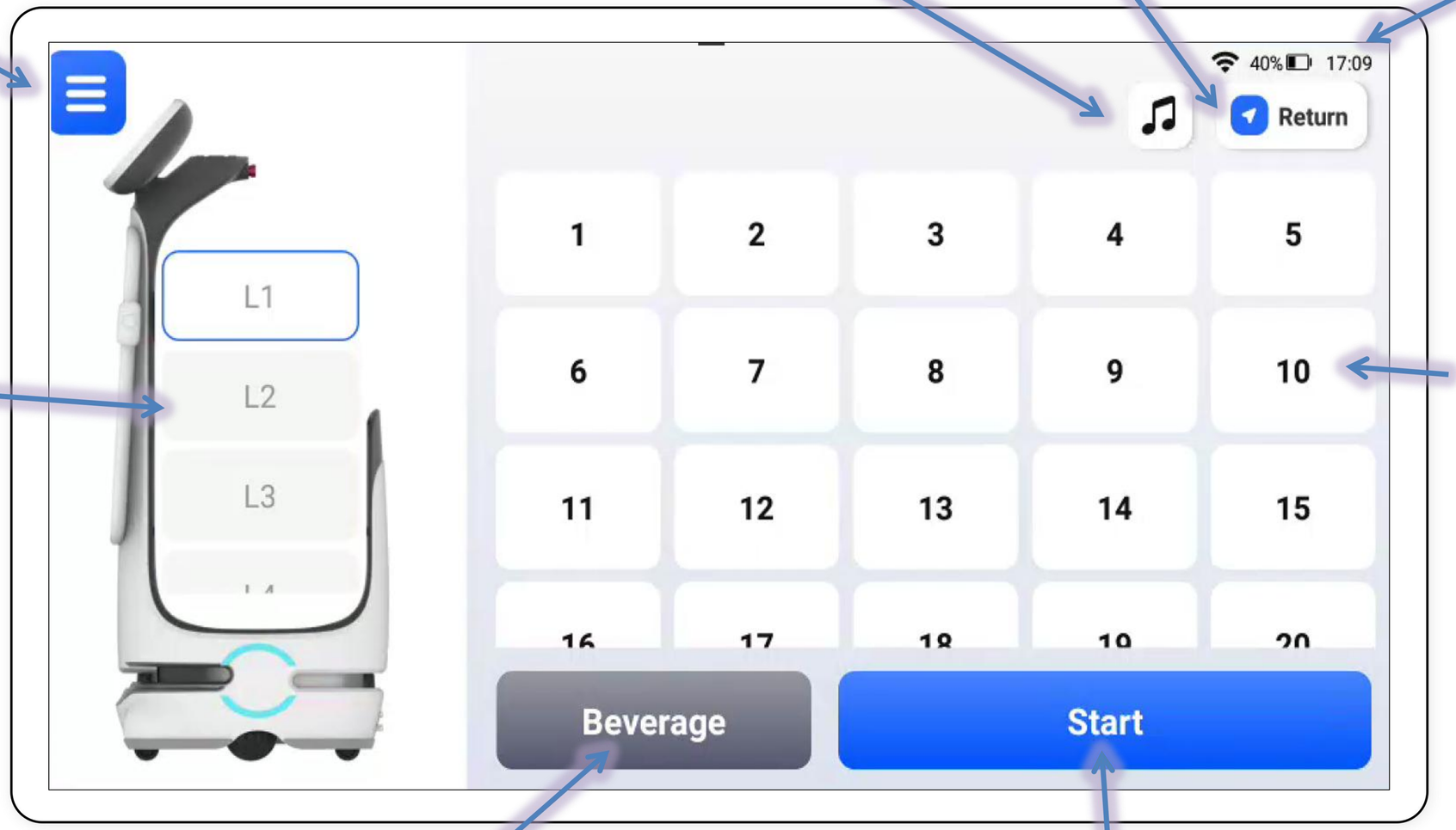
07. Super Admin

07. New Functions of T10

PART 1

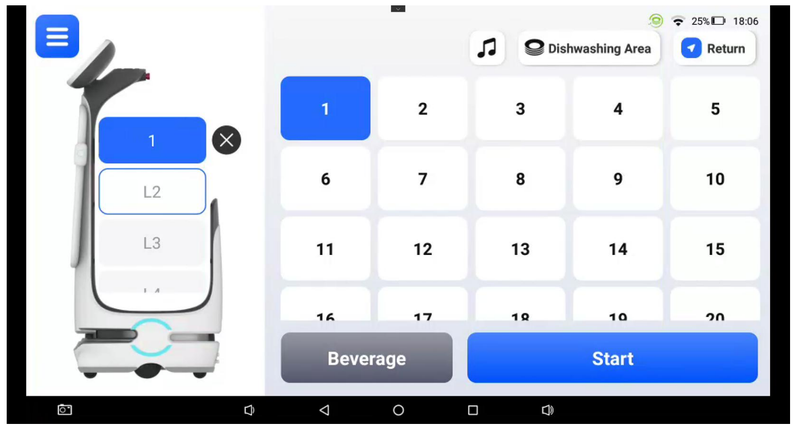
Delivery Mode

Delivery Mode--Interface Introduction

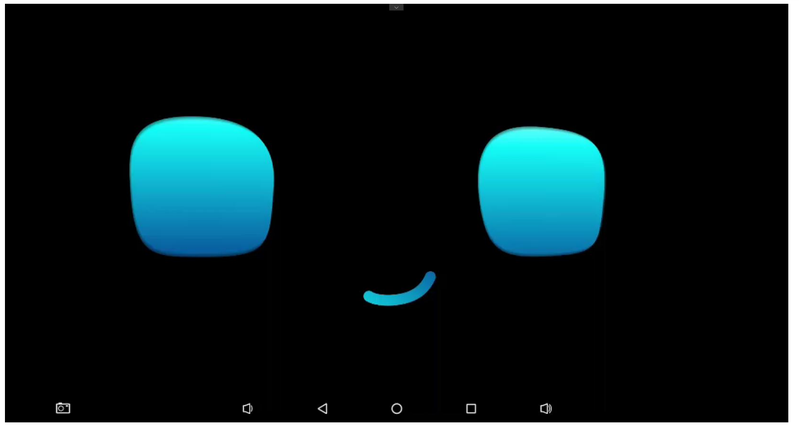


Delivery Mode---Procedure

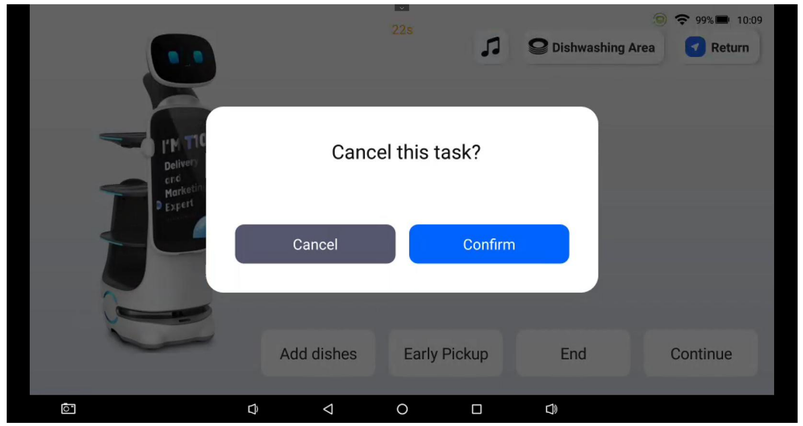
Procedure: Select the table number----> Click "Start" ----> You can click the screen to pause task editing (add dish, pick up food in advance, end/continue task) ----> arrive or end in advance



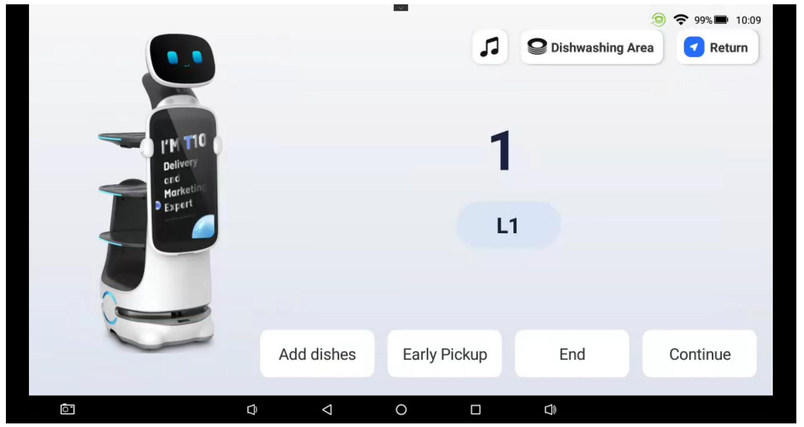
1. Enter the delivery mode



2. The emoji appears when starting delivery



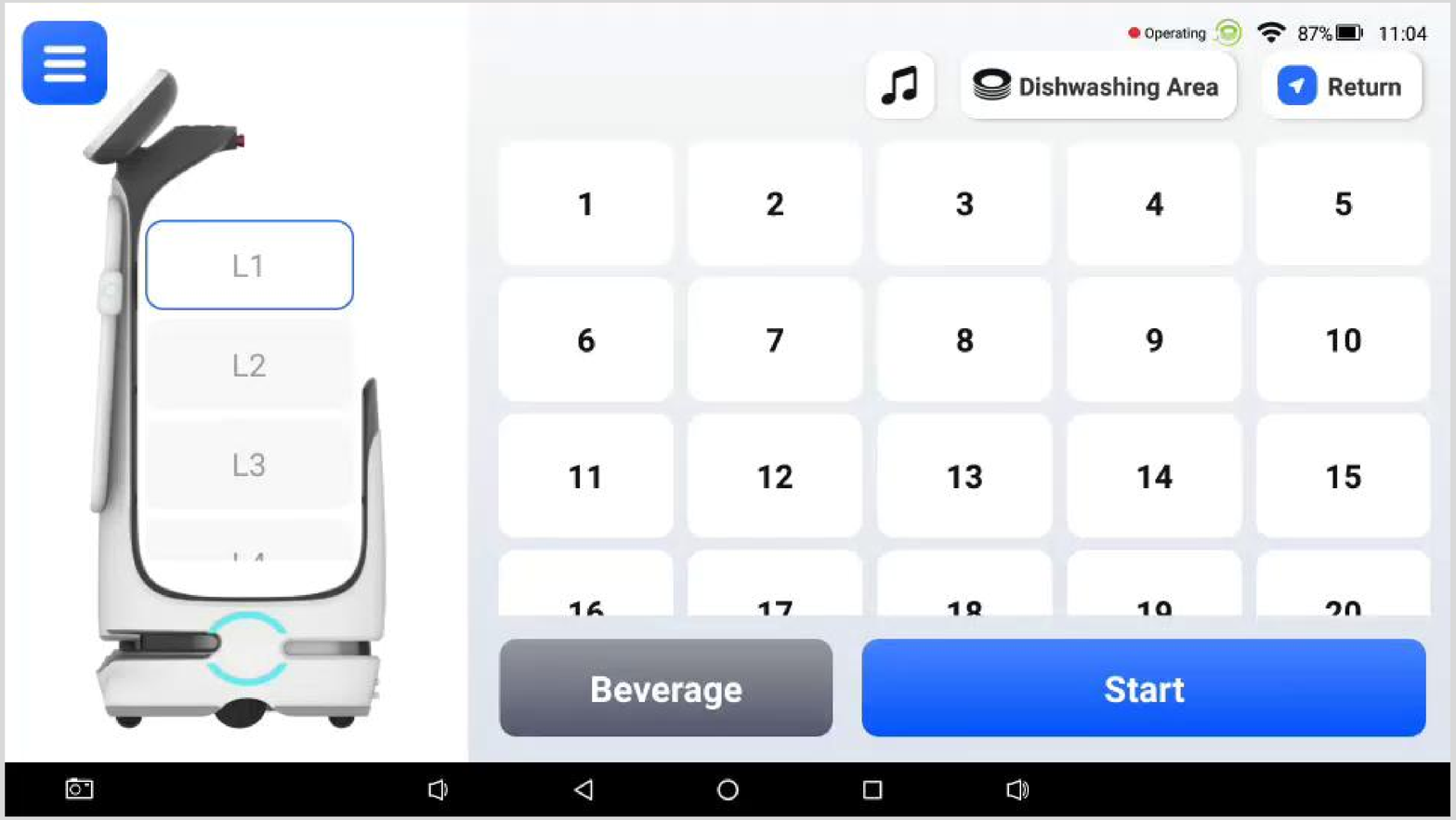
4. Return to the delivery mode Interface after completing and canceling tasks



3. Click pause to display the taskbar

Delivery Mode--Video Demo

[Delivery mode] Operation video



PART 2

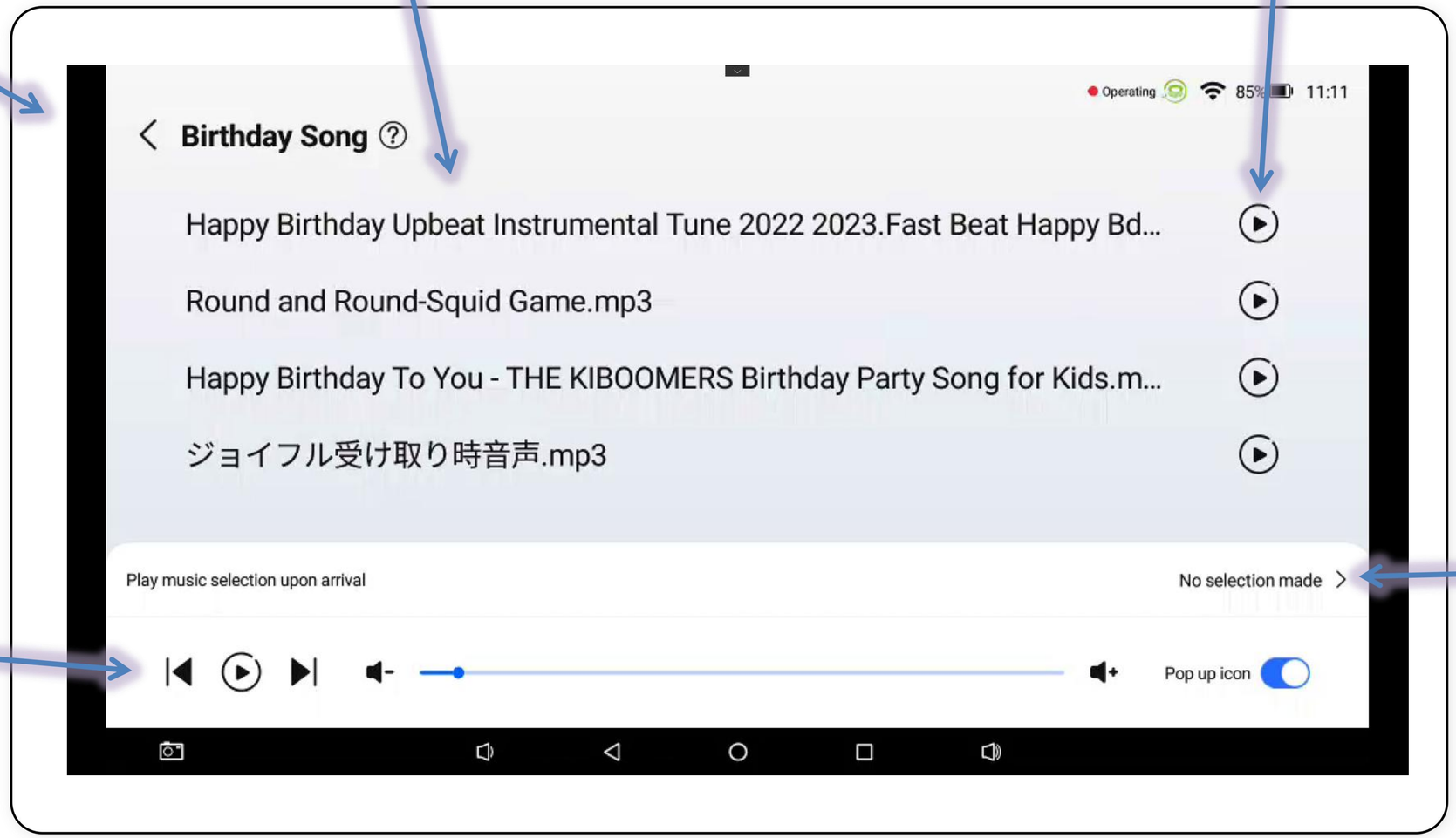
Birthday Mode

Birthday Mode---Interface Introduction

① Switching mode (mode switching)

② Music selection Interface

③ Play button

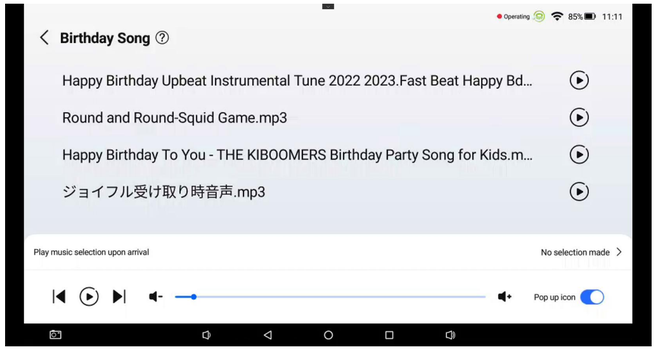


④ Music operation bar

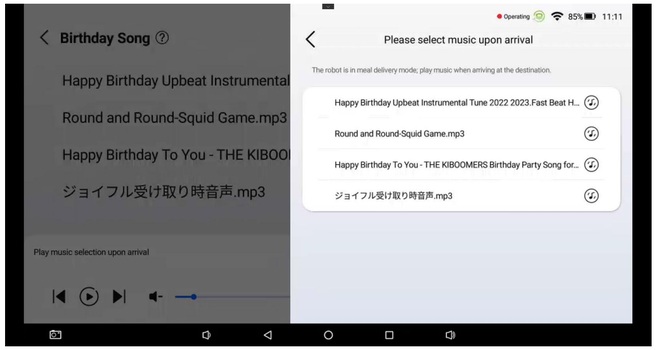
⑤ Play music automatically when the robot arrives (play once)

Birthday Mode---Procedure

Procedure: Switch to birthday mode---> Play music or select a song for next target point---> Play music when robot arrives at the target point



1. Enter birthday mode, all music will be displayed.



2. Select music to play when arriving.
Note: Only play once after selected.

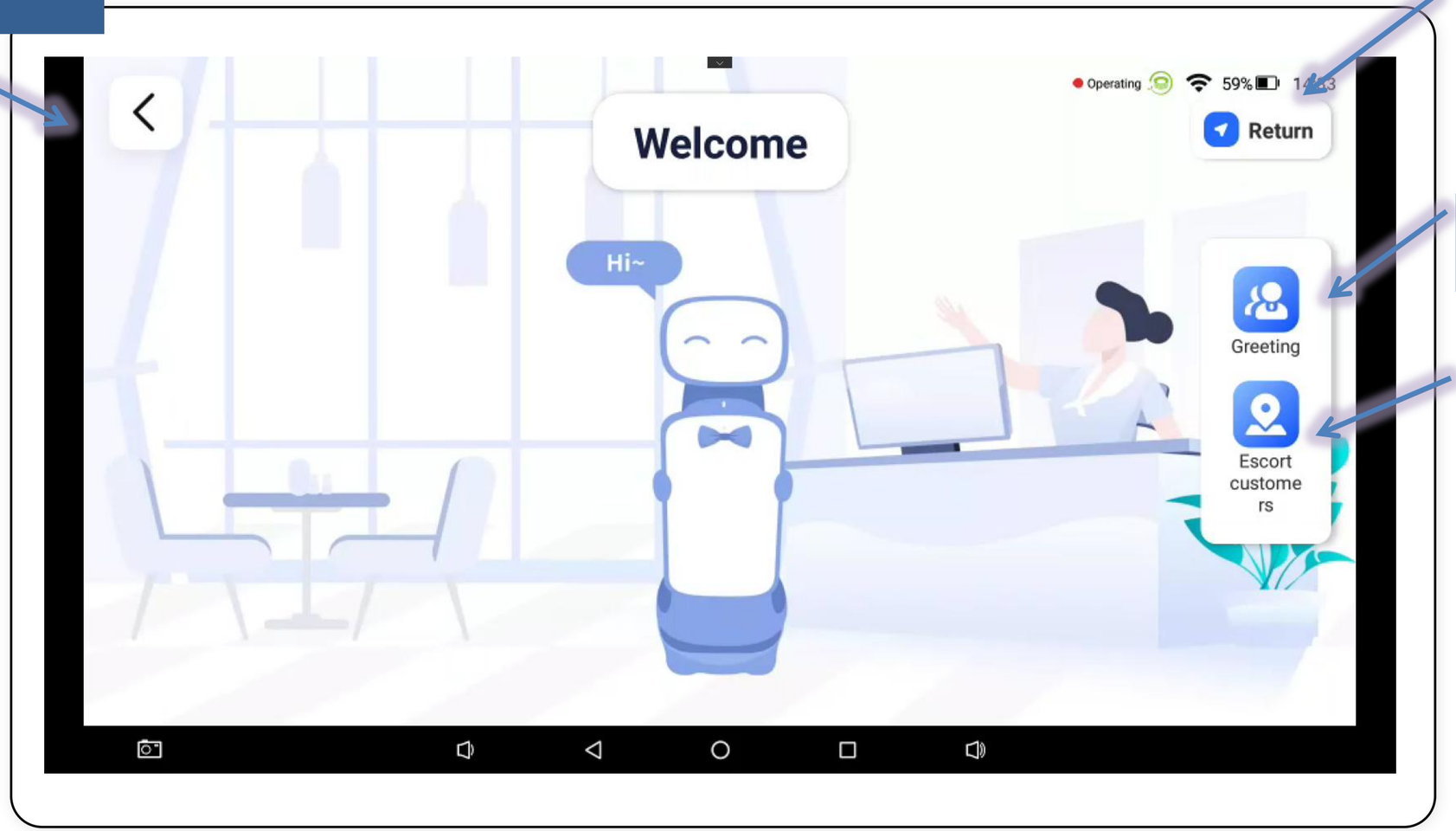
PART 3

Greeting Mode

Greeting Mode--Interface Introduction

① Switching mode (mode switching)

② Return to the original point

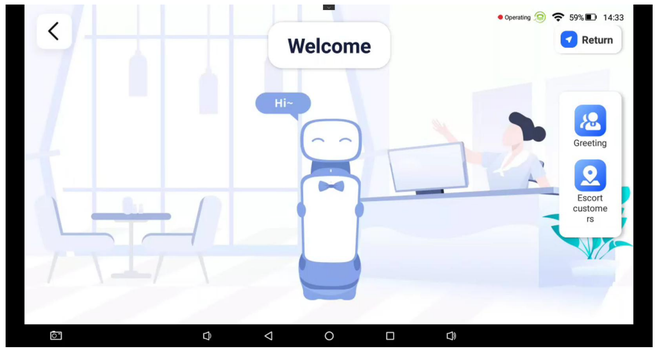


③ Greeting: Choose the welcome route

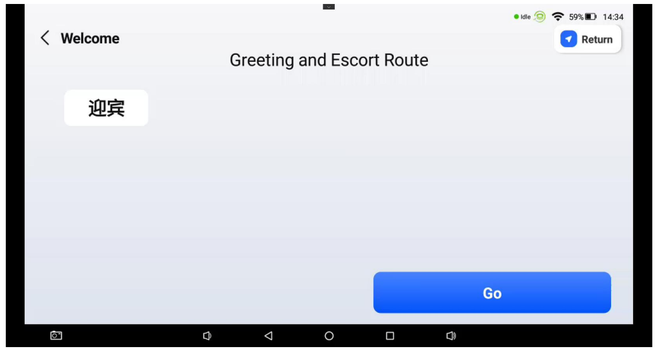
④ Escort customers: Select the target point

Greeting Mode---Procedure

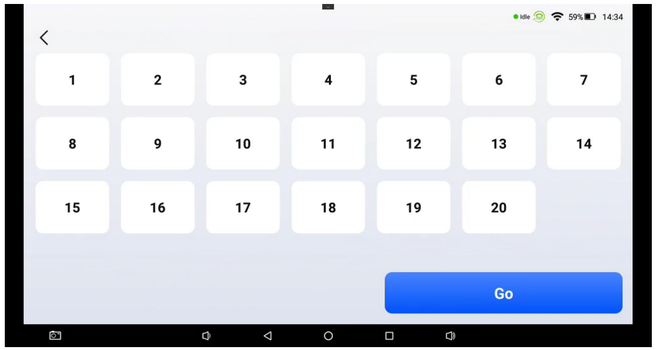
Procedure: Switch to greeting mode--> Click greeting or escort customer mode to start tasks--> return to the original point after completion



1. Enter the greeting mode



2. Click on greeting, and the greeting route will be displayed. The robot will greet guests along the designated route.



3. Click on escort customers and select the destination point, the robot will guide the customer to the location.

Greeting Mode---Video Demo

[Greeting mode] Operation video

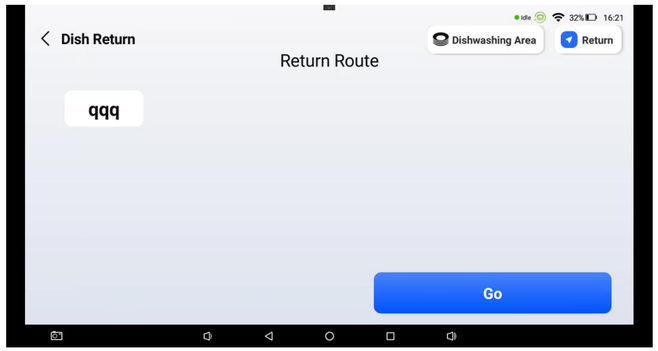
PART 4

Dish Return Mode

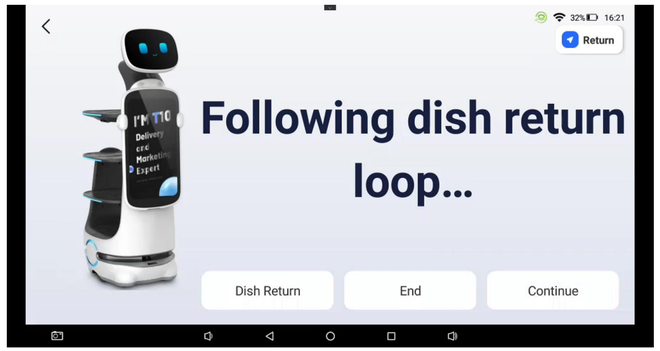
Dish Return--- Interface Introducion

Dish Return Mode---Procedure

Steps: Switch to dish-return mode--> Click the dishwashing area or return to back to the dishwashing area or the original point--> Return to the original point after completion



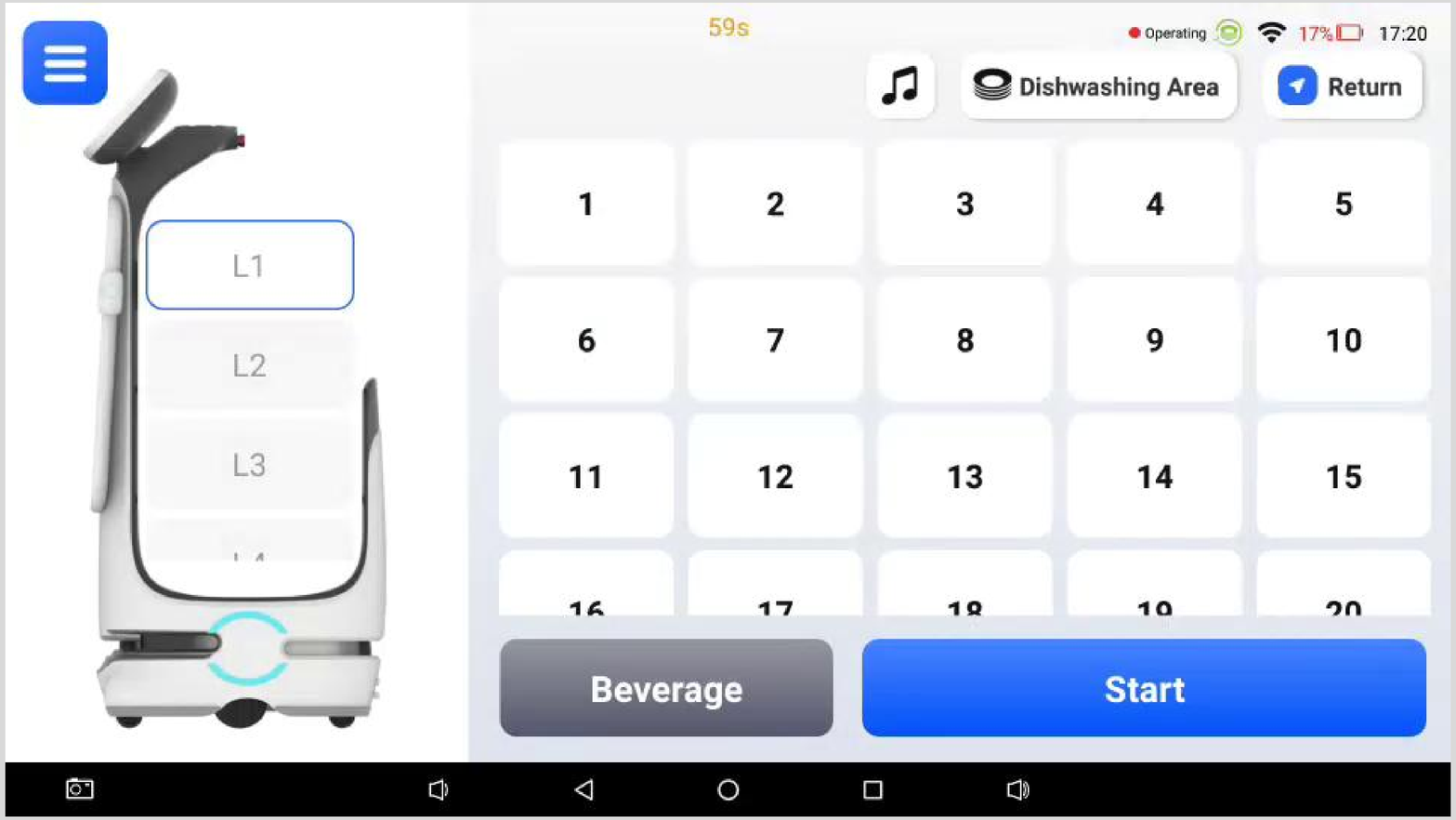
1. Enter the dish- return mode



2. Click dish return, the robot will start the task, you can also click on screen to pause the current task, and the robot will back to dishwashing area

Dish-Return Mode--Video Demo

[Dish-Return Mode] Operation Video



PART 5

Promotion Mode

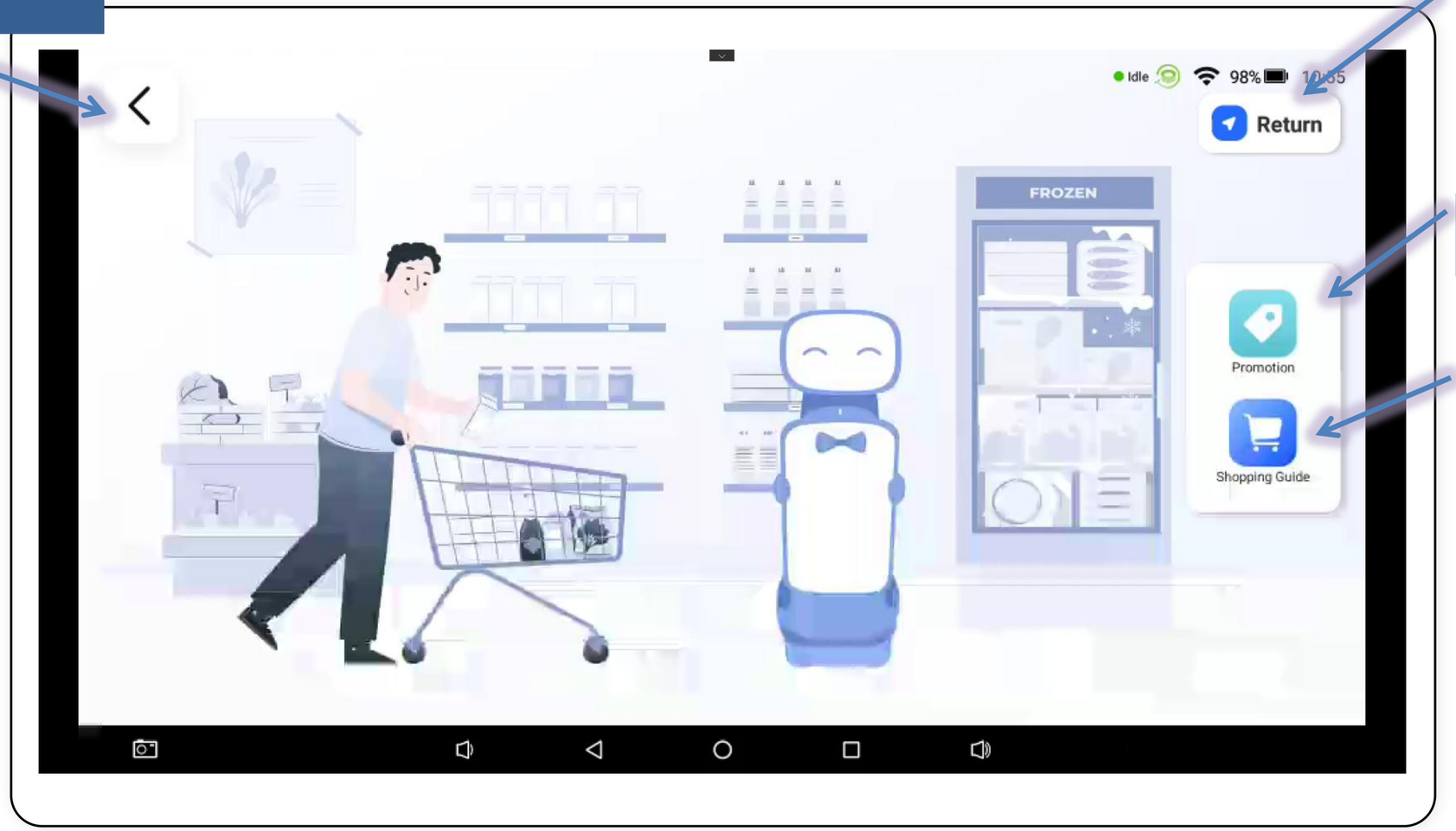
Promotion Mode---Interface Introduction

① Switching mode (mode switching)

② Return to the original point

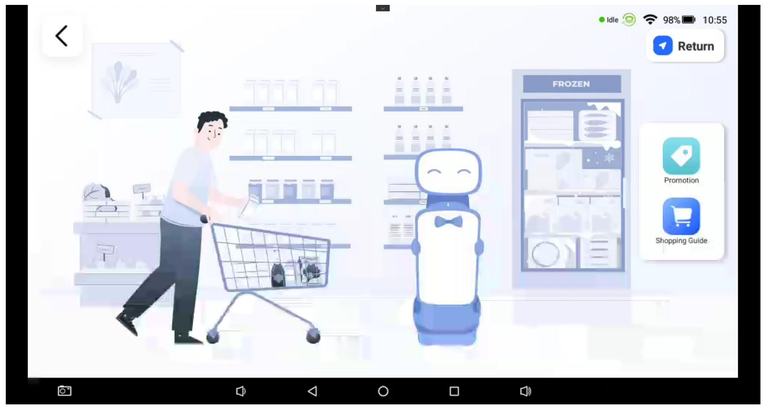
③ Promotions: Choose the promotion route

④ Shopping Guide: You can either speak or type the destination.

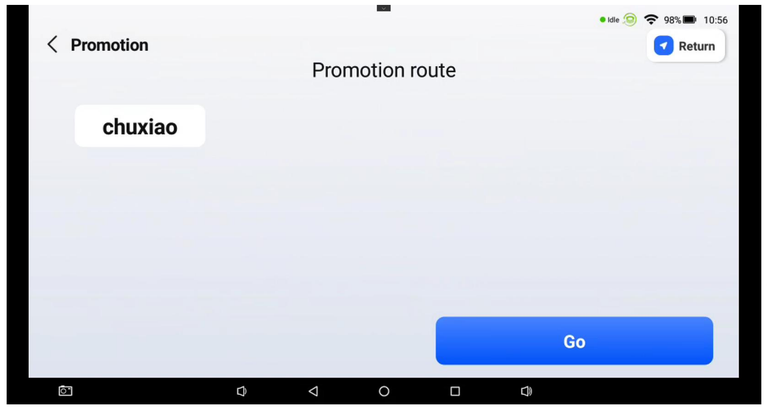


Promotion Mode---APP Procedure

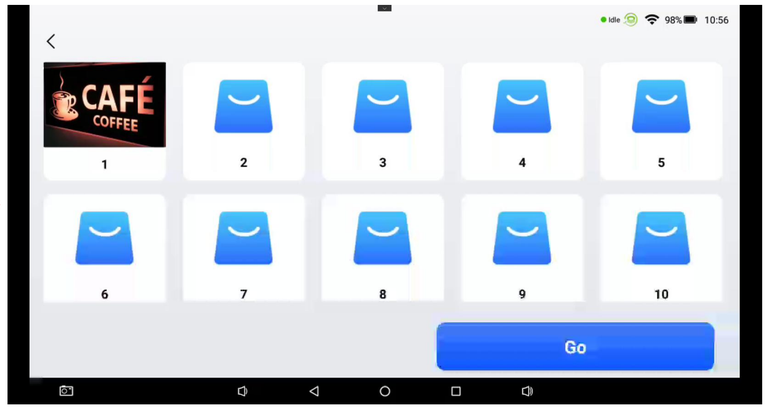
Steps: Switch to promotion mode--> Click promotion or shopping guide to start task--> Return to the original point after completion



1. Enter the promotion mode



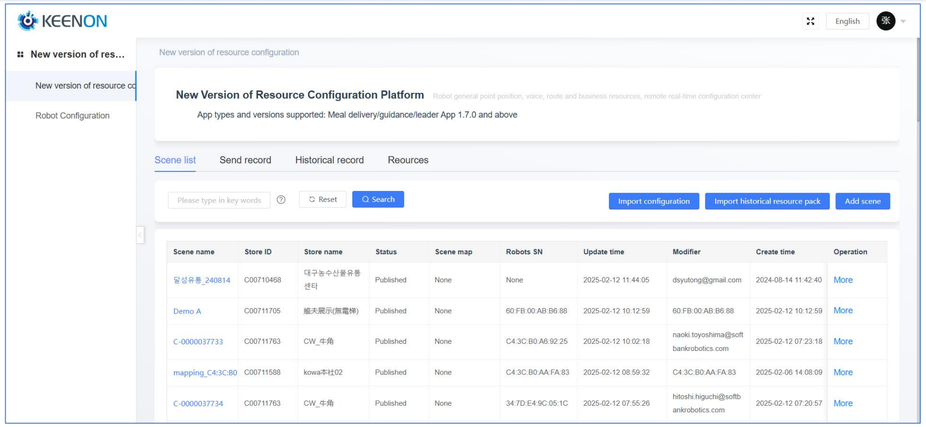
2. Click on promotion, promotion route will be displayed.The robot will start the task along the promotional route.



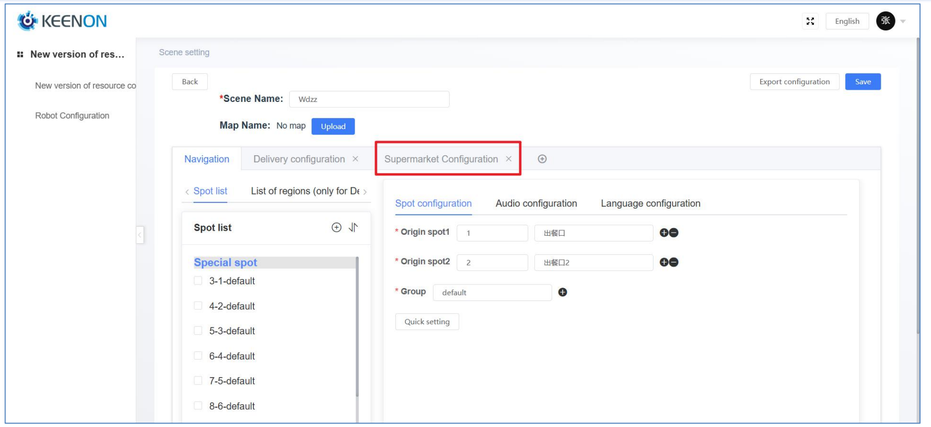
3. Click the shopping guide, select the target point to start the task.

Promotion Mode---Backend Procedure

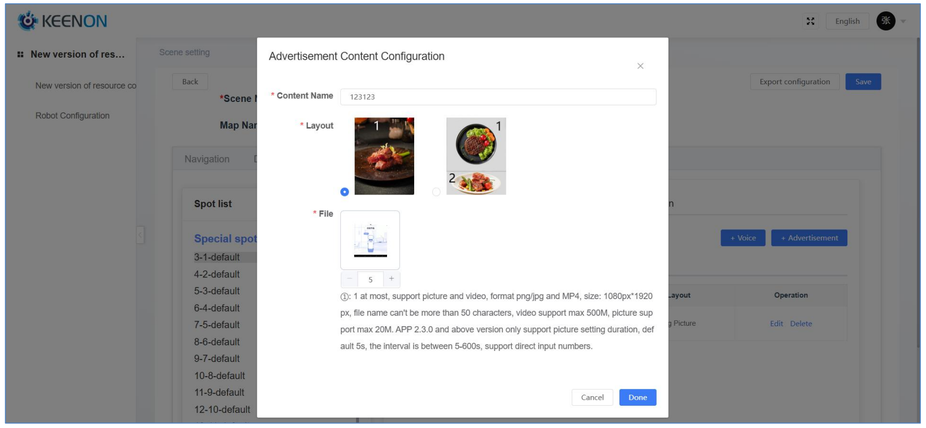
Steps: Enter Keenon Cloud Platform and click New Version of Resource Configuration Platform--> select the target resource package, select supermarket configuration--> select spot configuration to configure corresponding voice and advertisement--> display image and video uploading requirements



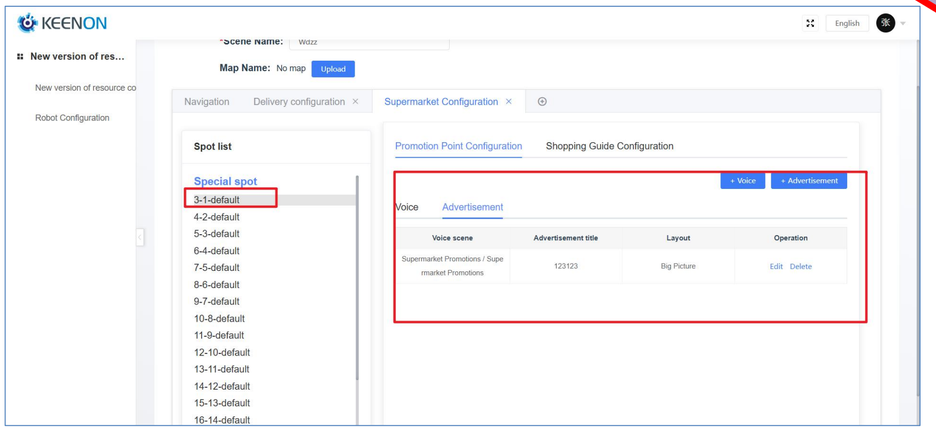
1. Enter Keenon Cloud Platform and select resource package configuration



2. Select the target resource package and click the supermarket configuration



4. Image and video upload requirements



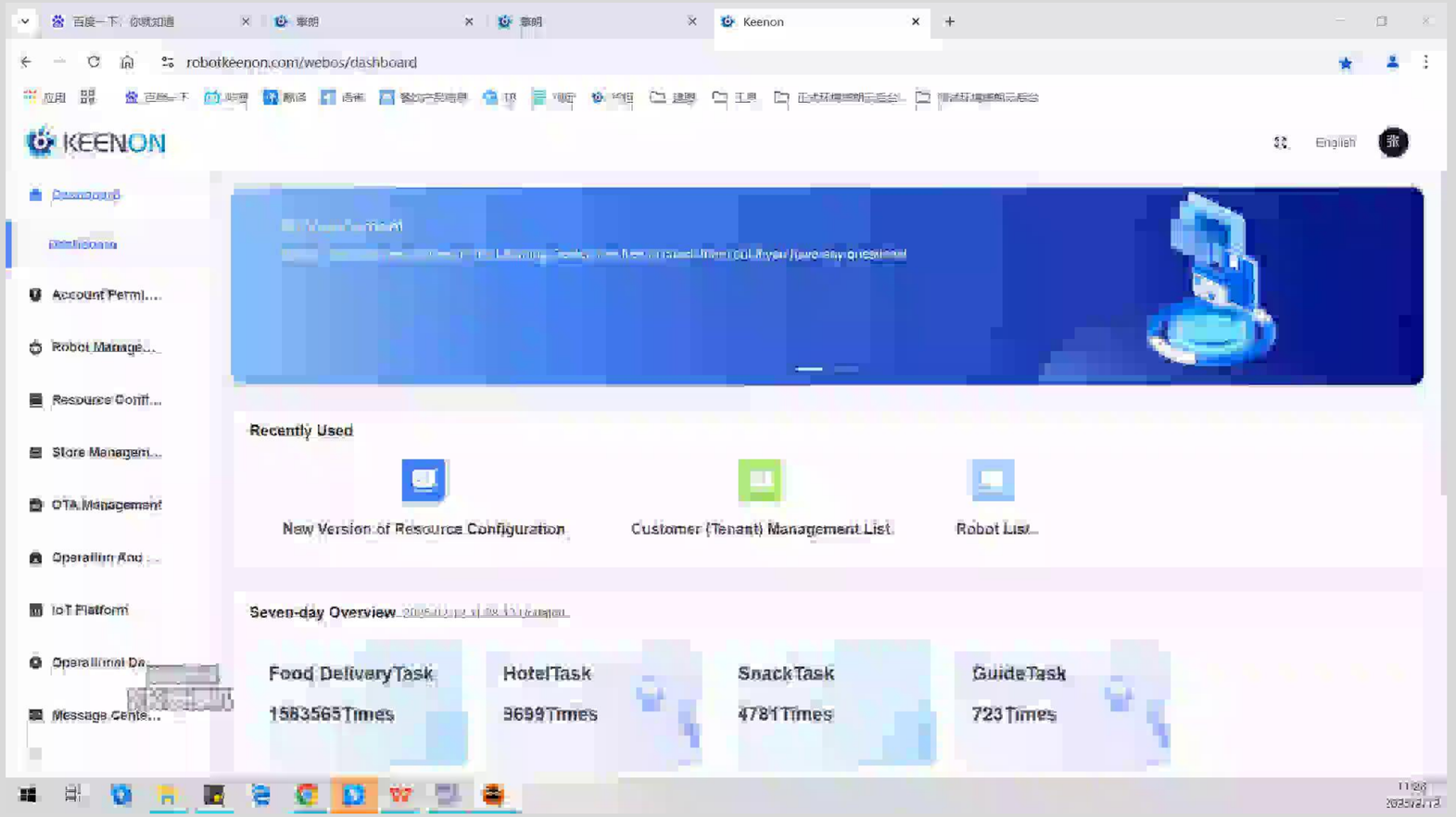
3. After selecting the spot configuration, configure the voice and advertisement.

Promotion Mode---APP Video Demo

[Promotion mode] Operation video

Promotion Mode---Backend Video Demo

[Promotion mode] Operation video



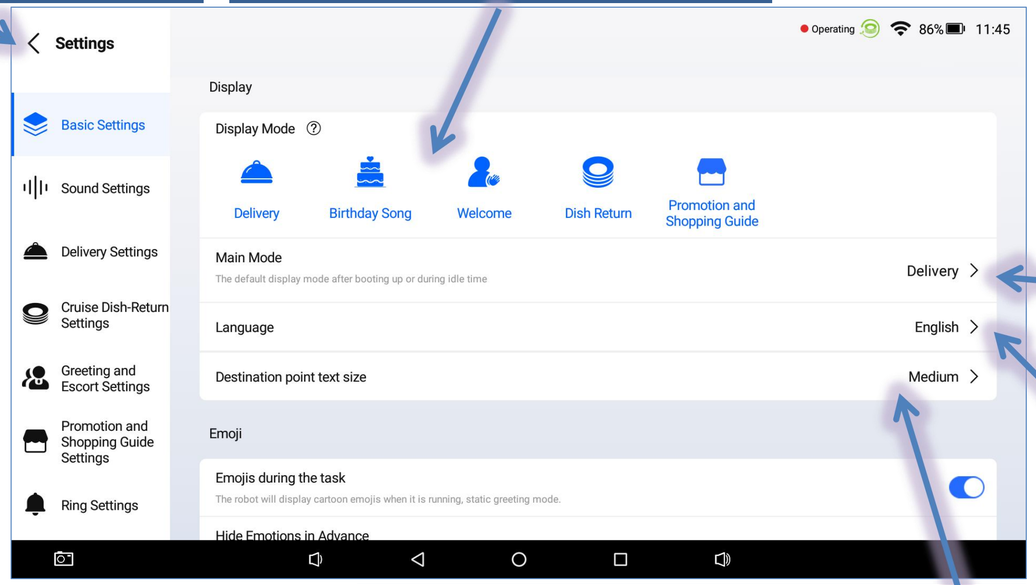
PART 6

Introduction to Settings

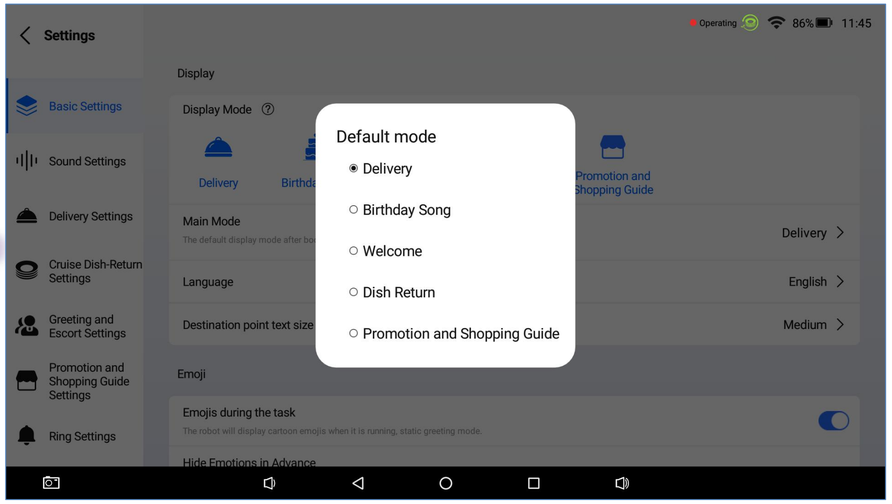
Settings---Introduction to Basic Settings (Dispaly)

① Return to Basic Settings

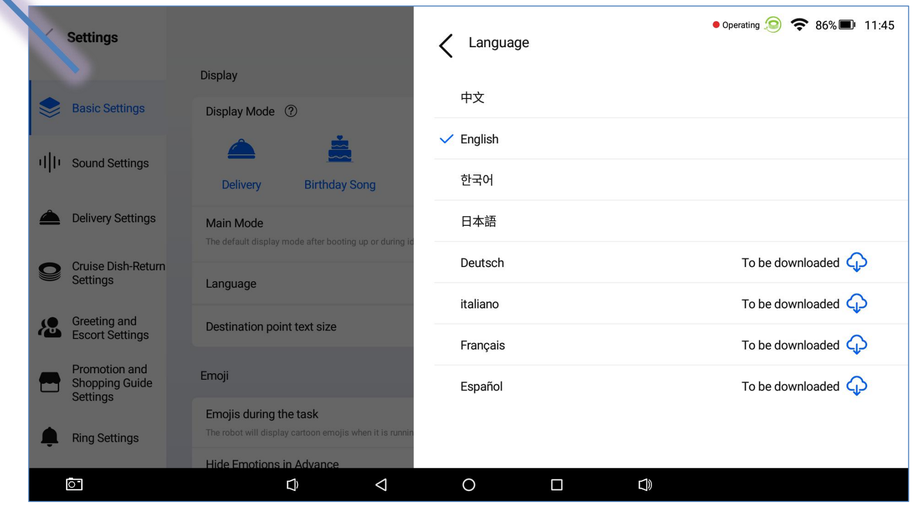
② Display multiple modes



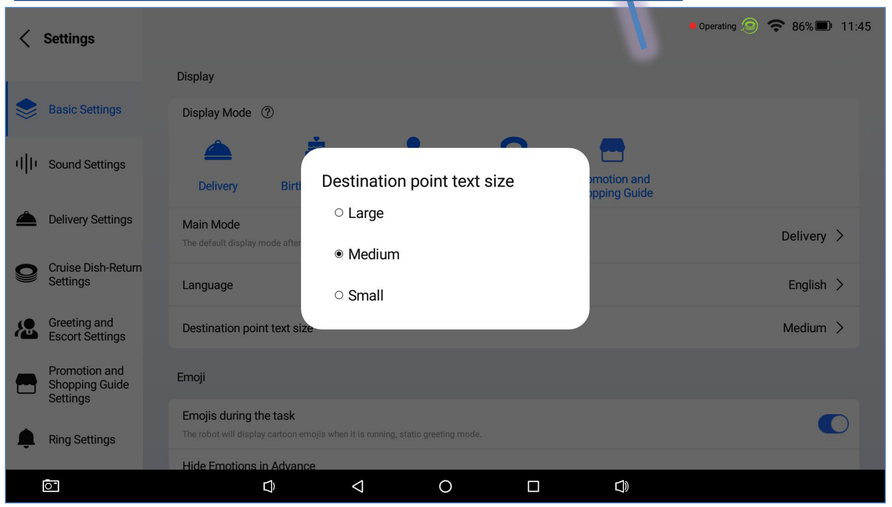
③ Main mode: Select the interface after each task is completed



④ Language: Select the language displayed on the APP interface.

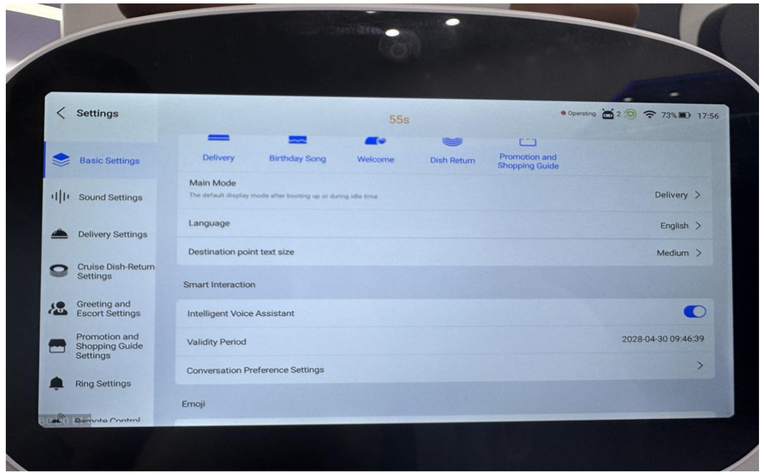


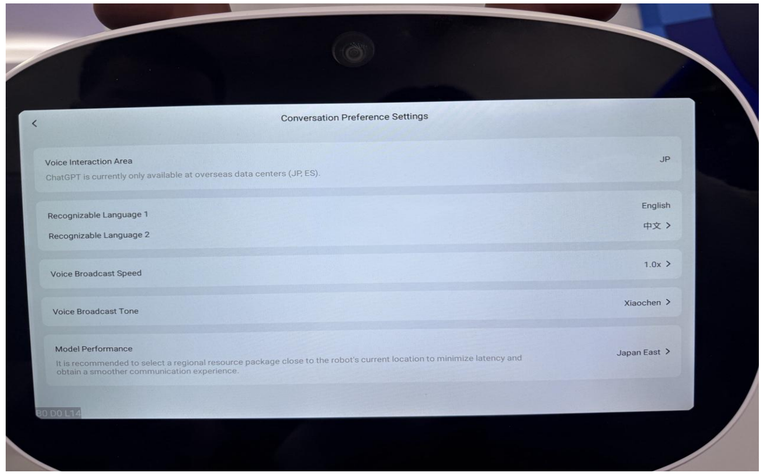
⑤ Text size: display the text size

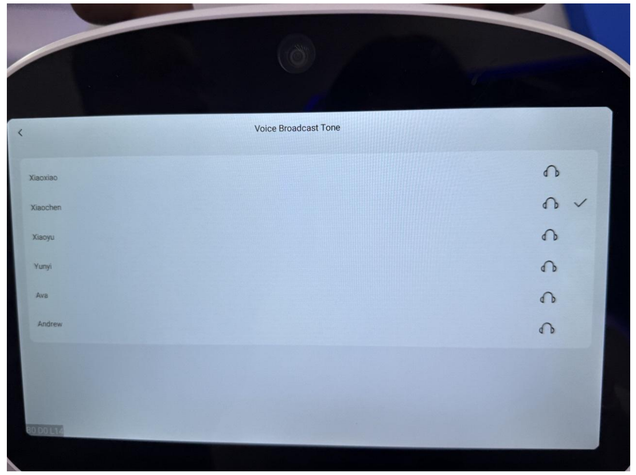


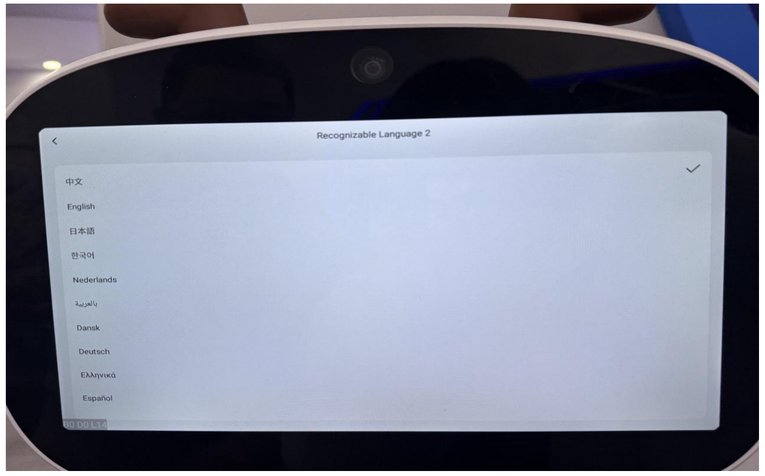
Settings---Introduction to Basic Settings (Dispaly)

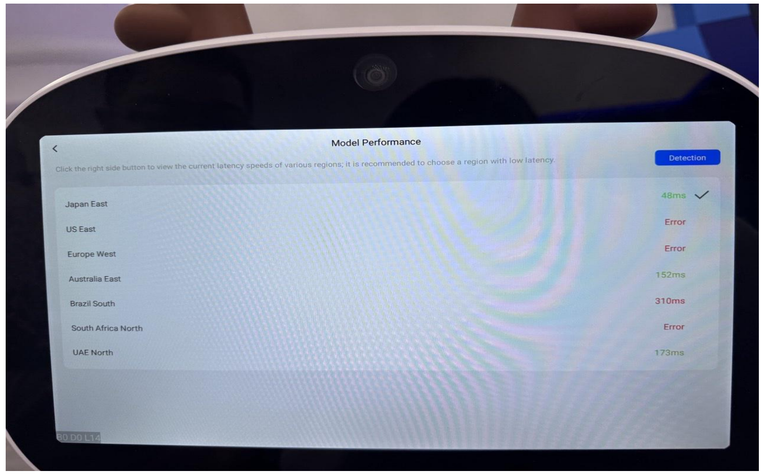
Instruction of Intelligent Voice：





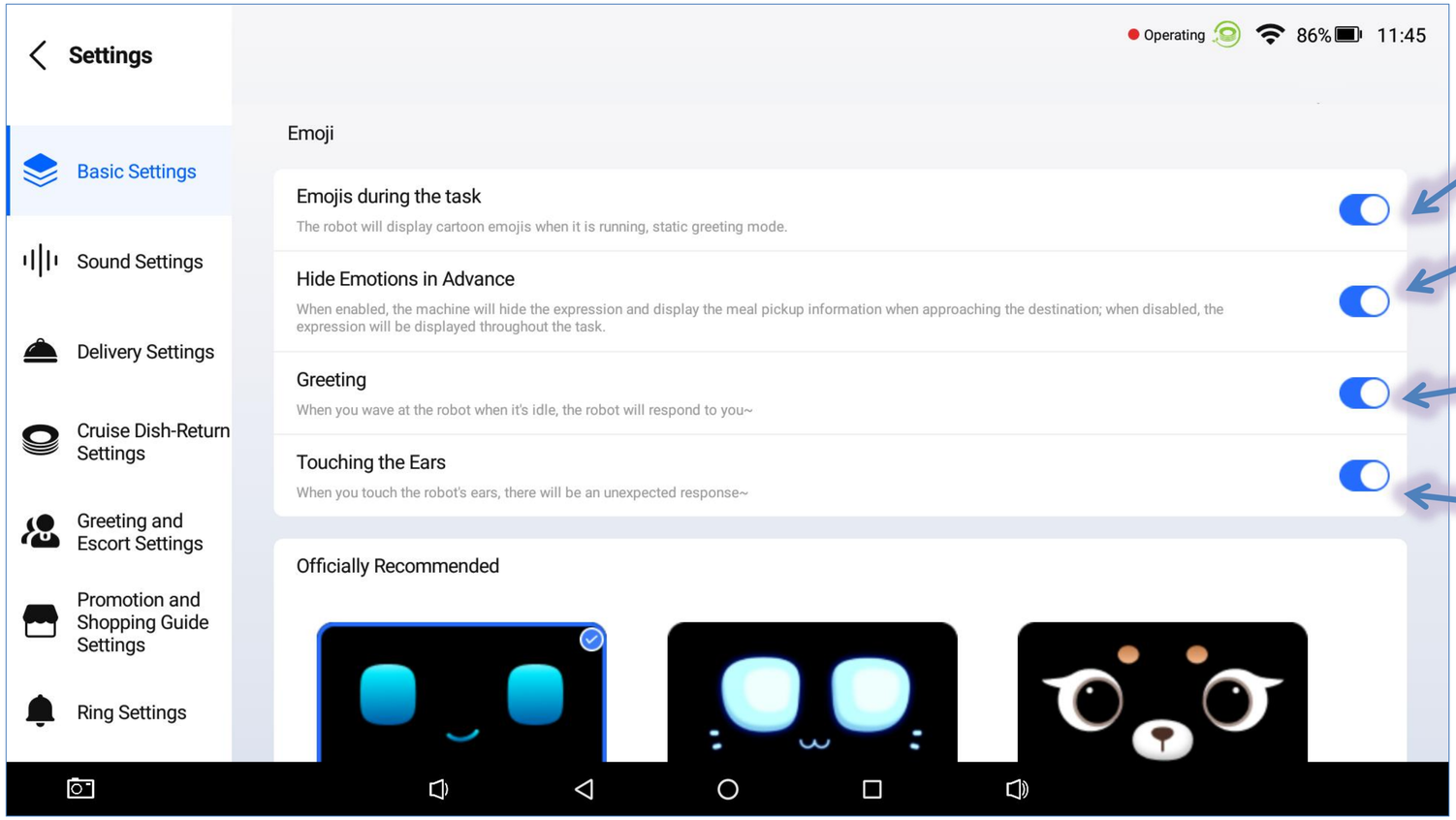






This payment function. If you wish to use it, please contact sales to activate it.

Settings---Basic Settings Introduction (Expressions)



① Expressions during task: expression switch (see the description in the figure)

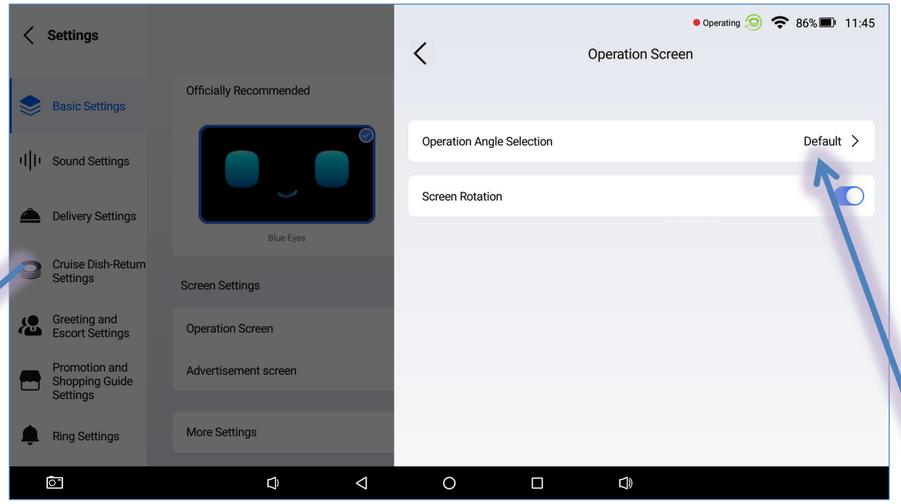
② Expressions are hidden in advance: expression switch (see the description in the figure)

③ Expressions in greeting: expression switch (see the description in the figure)

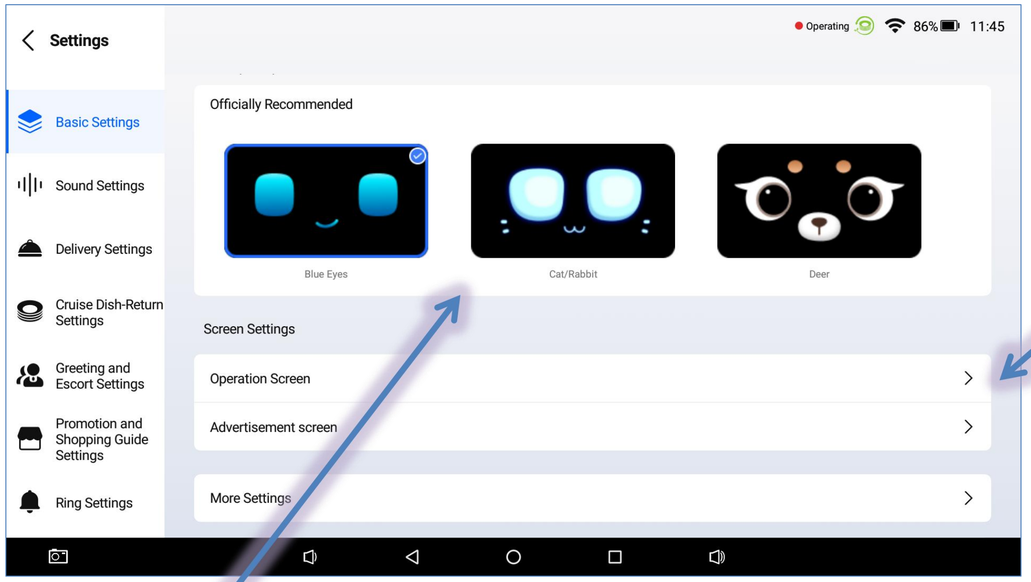
④Expressions when touching ear: expression switch (see the description in the figure)

Settings---Basic Settings Introduction (Expressions/Screen Settings)

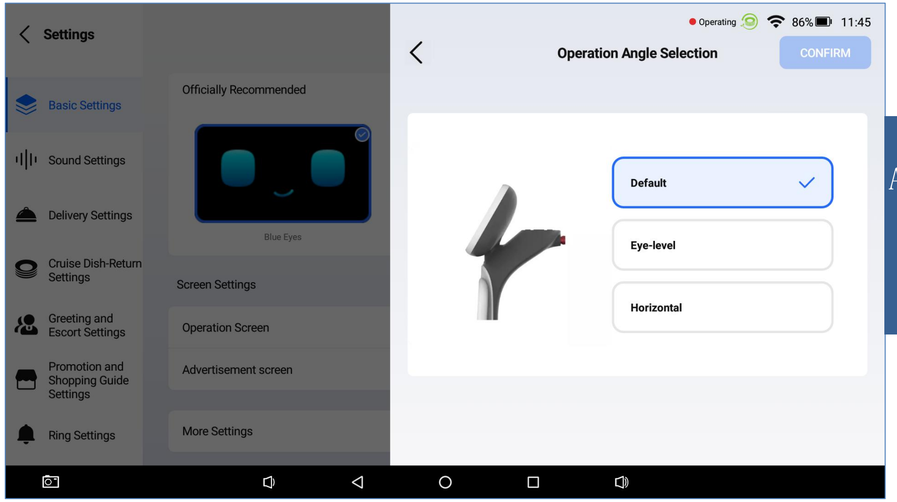
② Operation screen: edit and set the operation screen



④ Screen rotation: whether the screen can be rotated

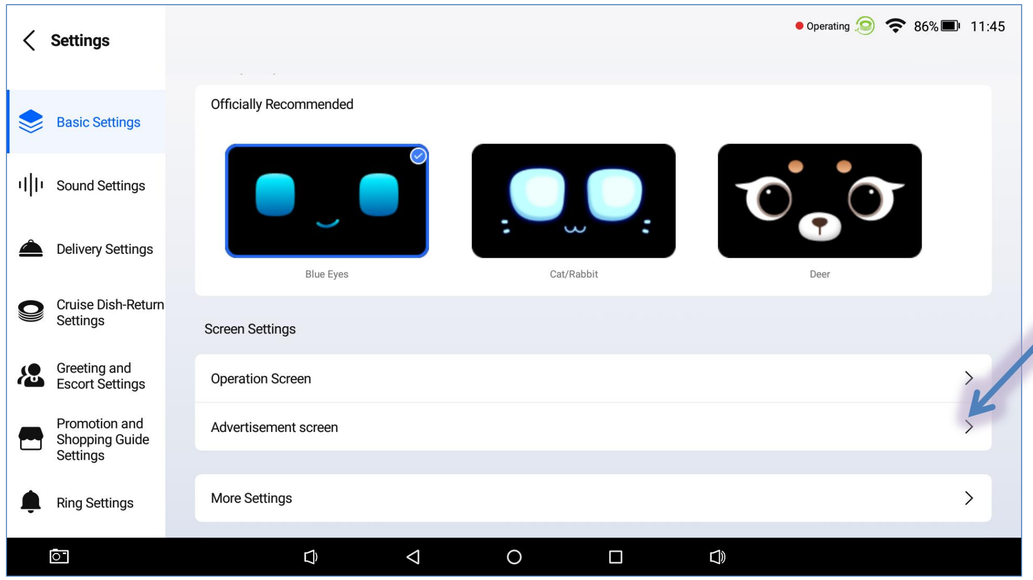


① Official expressions: blue eyes, cat/rabbit, deer

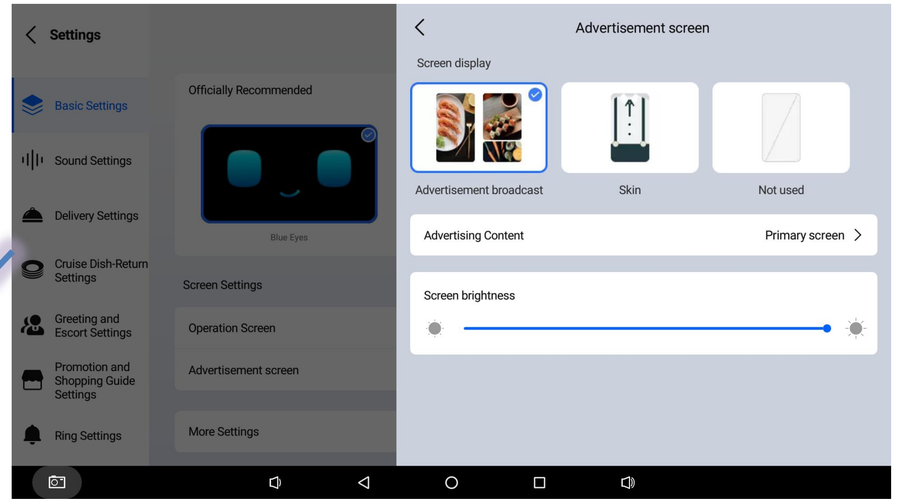


③ Operation Angle Selection: Default Upward view Eye-level view

Settings---Basic Settings Introduction (Screen Settings)

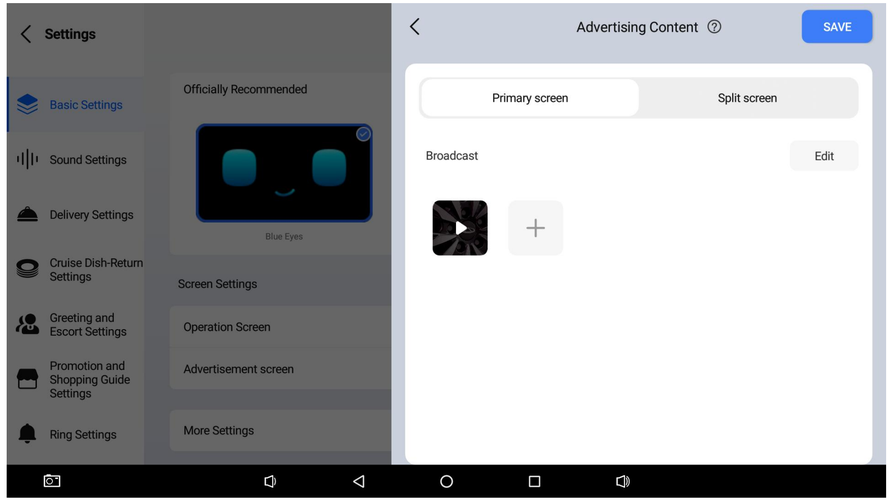


① Advertising screen: Editing of advertising screen



② Screen display: screen content selection Optional: Custom, official skin, not displayed

④ Screen brightness: Adjust the brightness of the advertising screen

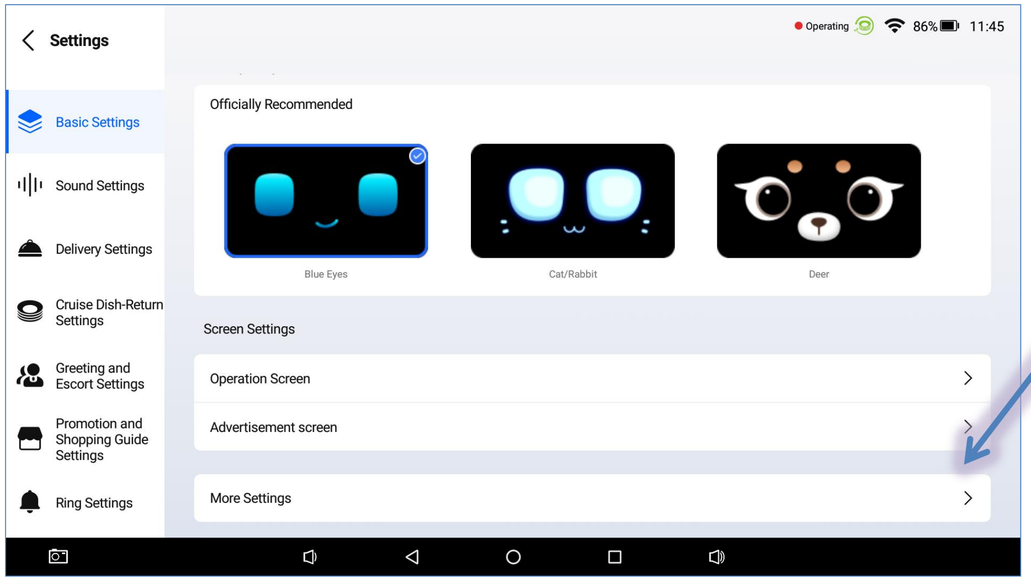


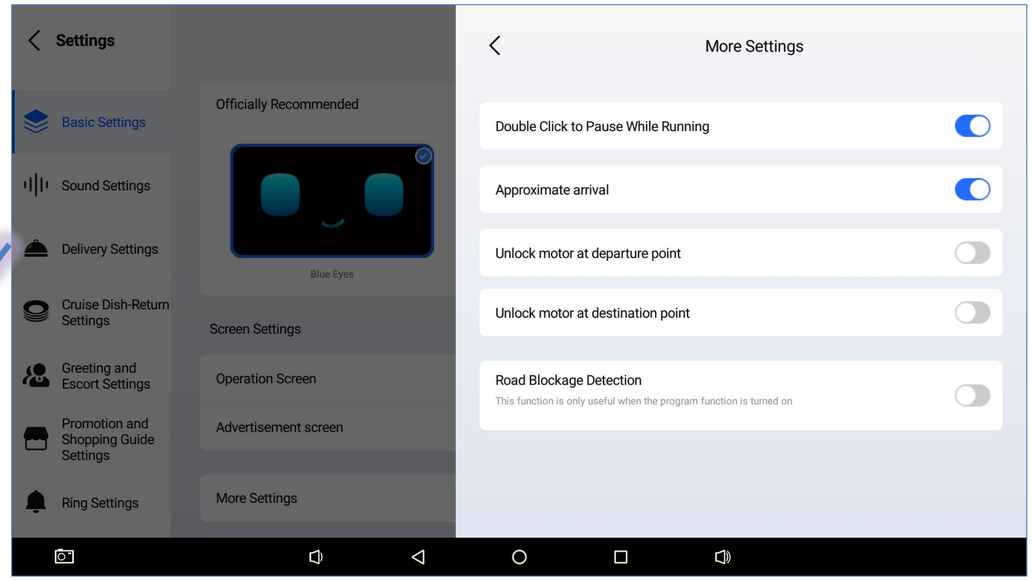
③ Promotional content: Select the main screen and sub-screen, (the page 22 will elaborate the advertising editing requirements.)

擎朗 KEENON

Settings---Introduction to Basic Settings (More Settings)

① More Settings: Set the functions of the machine while it is running.

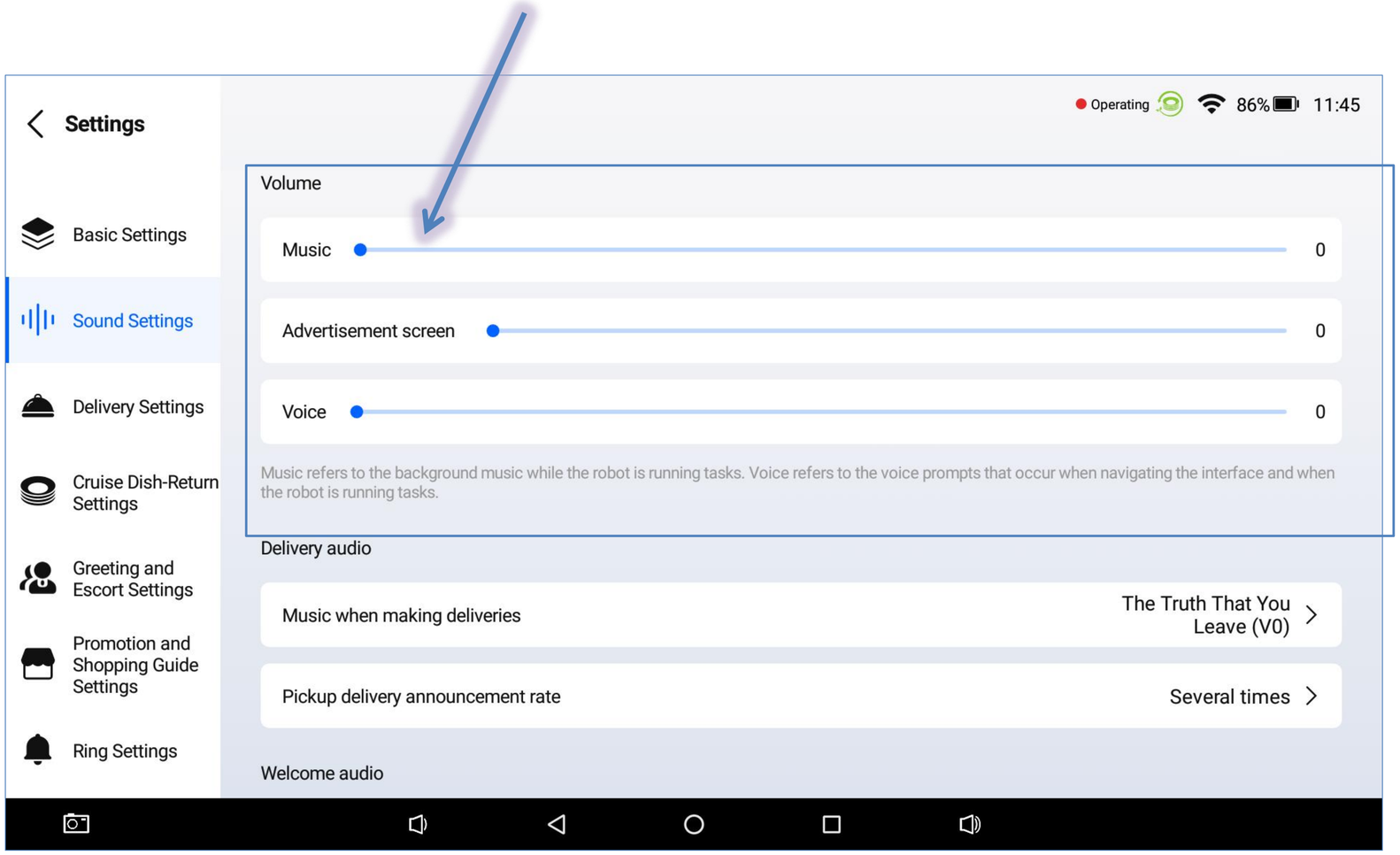




② Various operating configurations:
Double click to pause during operation: if enabled, double-click the screen to pause the task
Approximate arrival: if enabled, The robot will complete the task within one meter of the destination. If there are obstacles near the destination,
Starting point motor unlocking: unlock the motor after reaching the starting point;
Motor unlocking at the destination: motor unlocking at the destination;
Road blocking detection: When there are multiple routes, road blocking, the robot cannot reach. After setting the time in super management, the route is switched

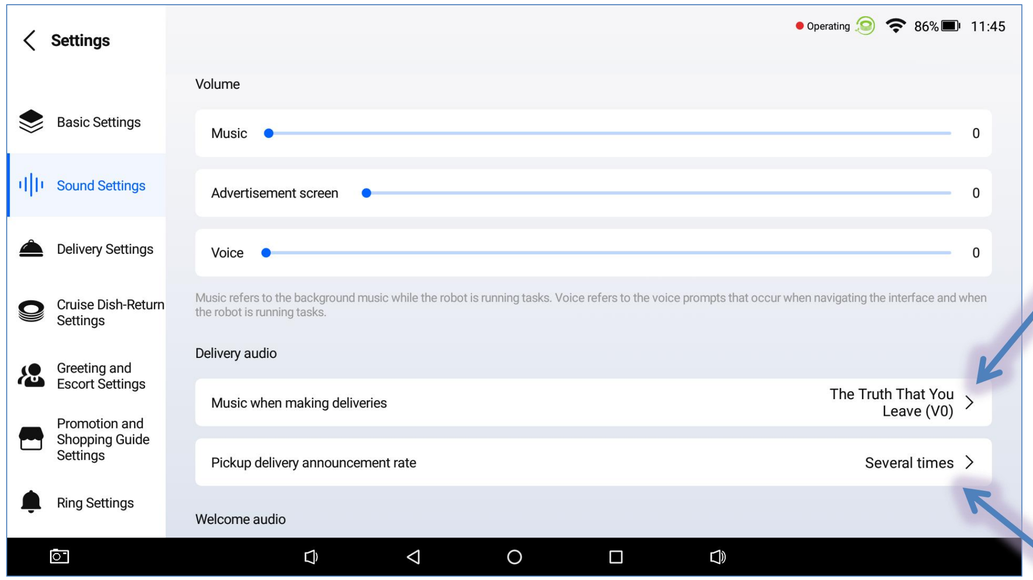
Settings---Music Settings (Volume)

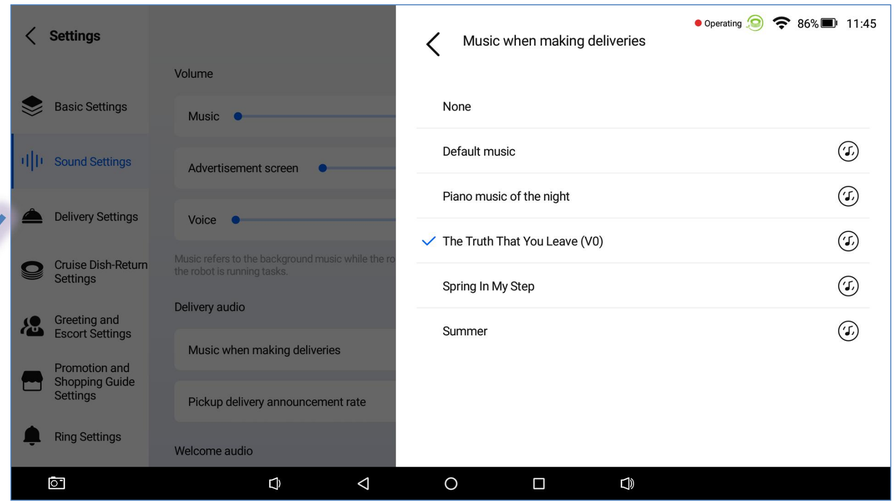
① Volume: edit the volume of music, advertisement screen and voice separately



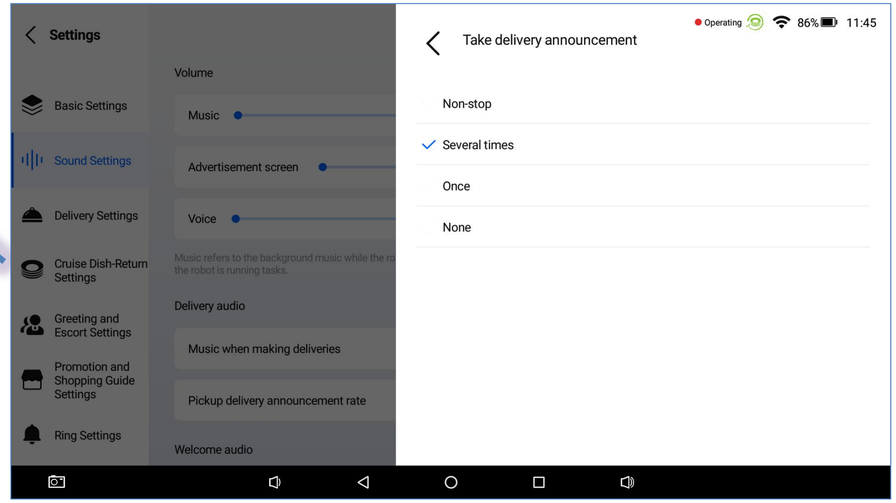
Settings---Music Settings (Music for food delivery)

① Food delivery music: play music during food delivery





② Background music for food delivery: Select the configured background music.



③ Voice announcement for pick-up: Select the voice announcement frequency

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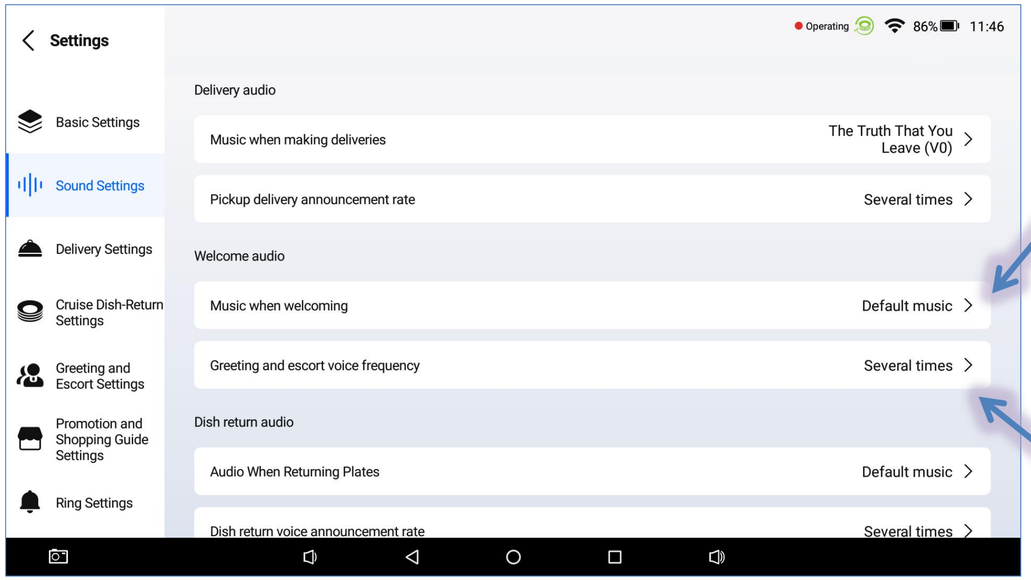
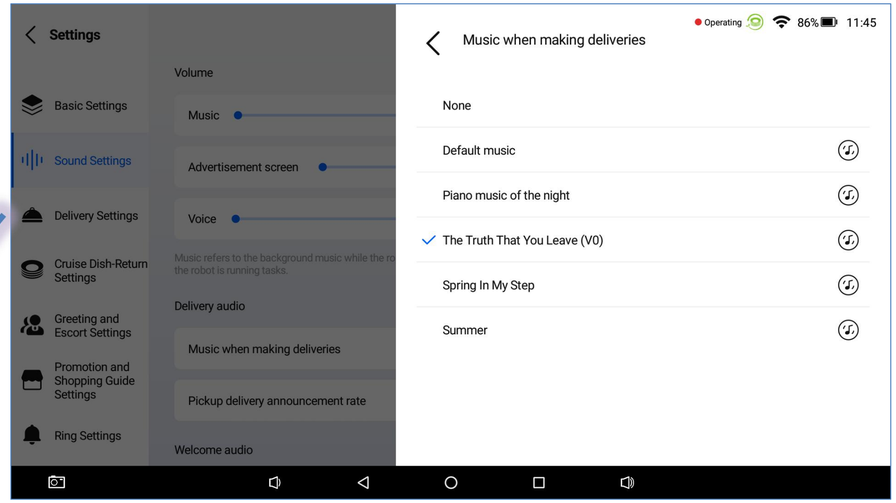
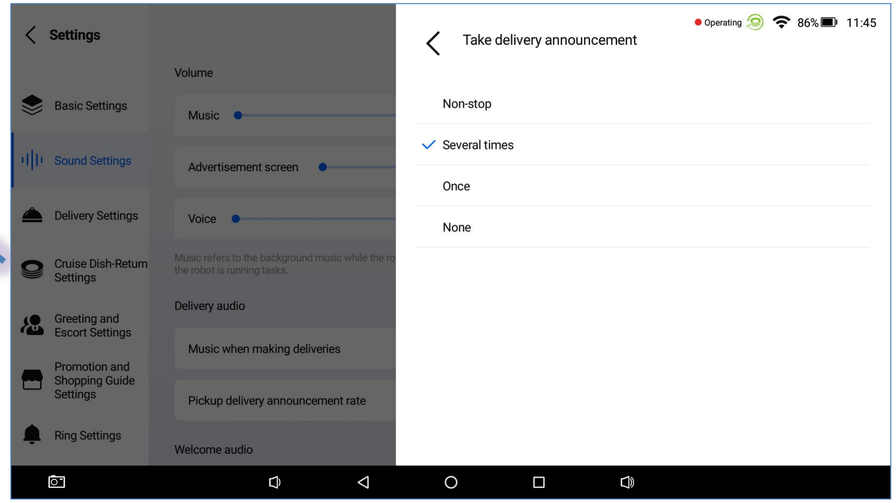
Settings---Music Settings (Music for Greeting)



① Greeting music: play muisc when delivering food



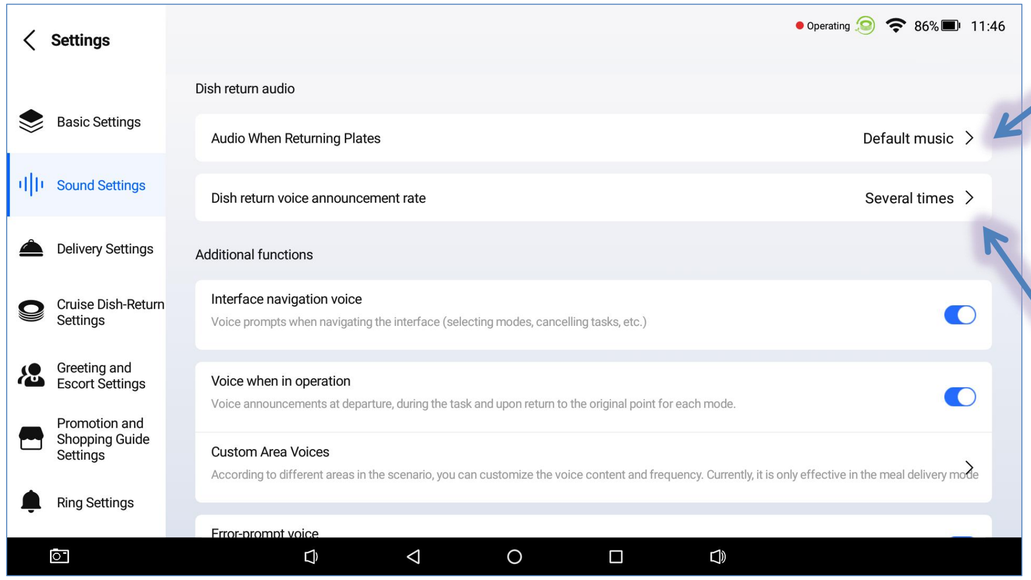
② Background music when greeting: Select the background music that has been configured

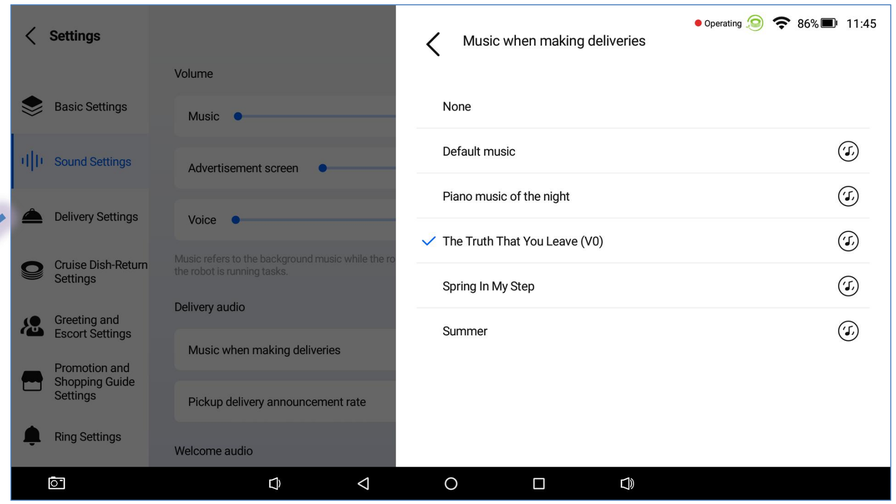


③ Voice announcement for pick-up: Select the voice announcement frequency

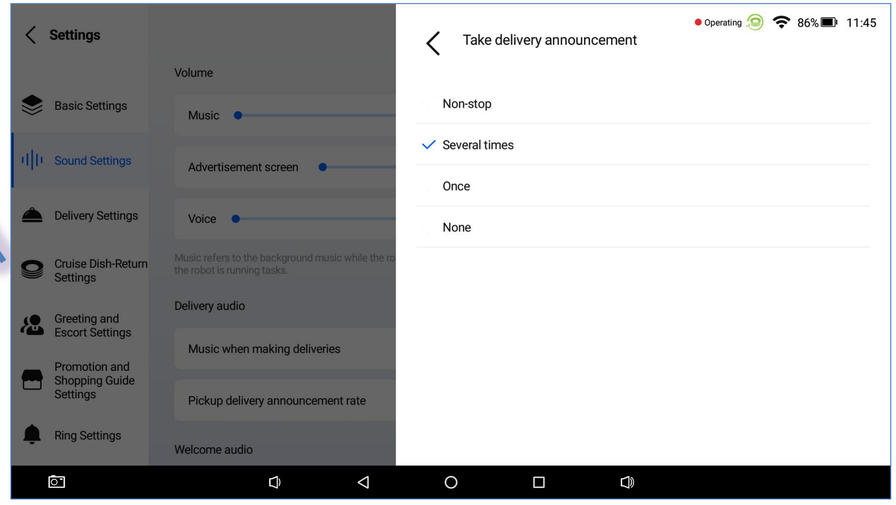
Settings---Music Settings (Music for Dish Return)

① Music of dish return:play music when dish returning



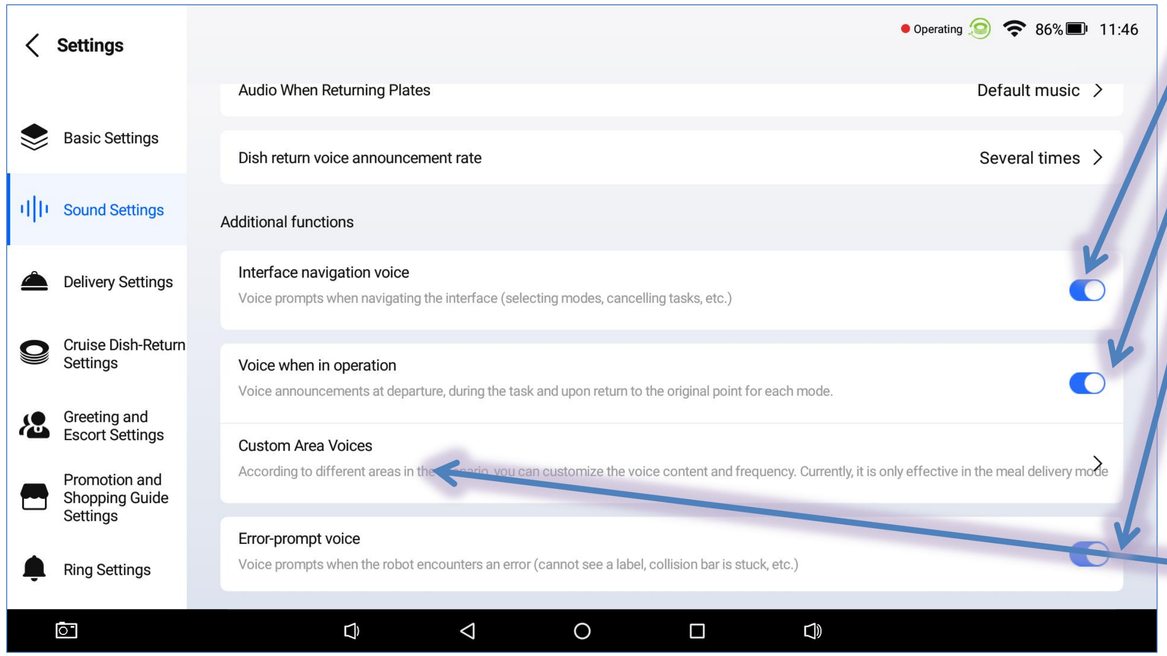


② Background music for dish return: Select the background music that has been configured



③ Voice announcement for pick-up: Select the voice announcement frequency

Settings---Music Settings (Assistive Functions)

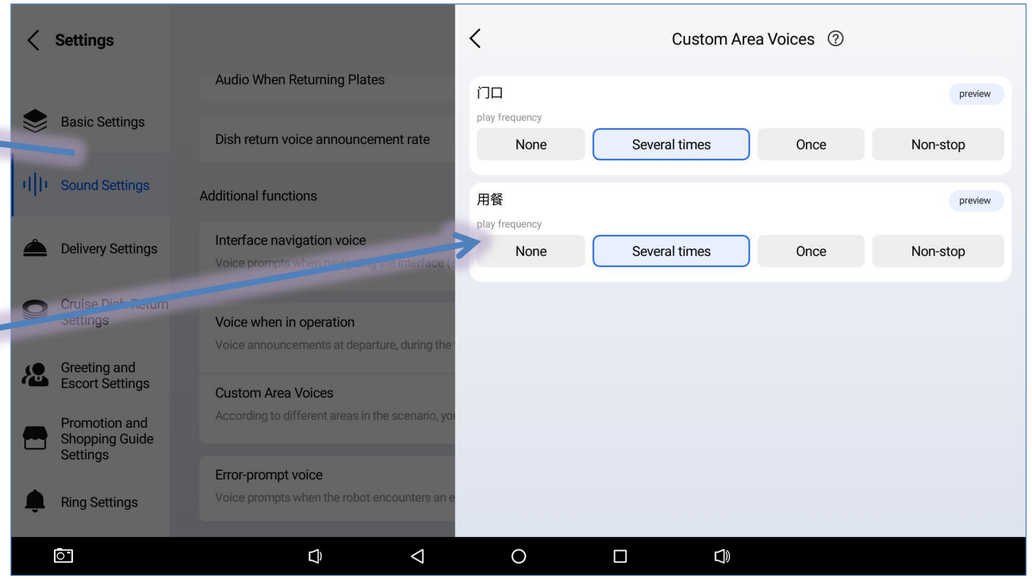


① Operation interface voice: function switch (see the description in the figure)

② Running voice: function switch (see the description in the figure)

④ Fault prompt voice: function switch (see the description in the figure)

③ Custom area voice: set the voice broadcast frequency



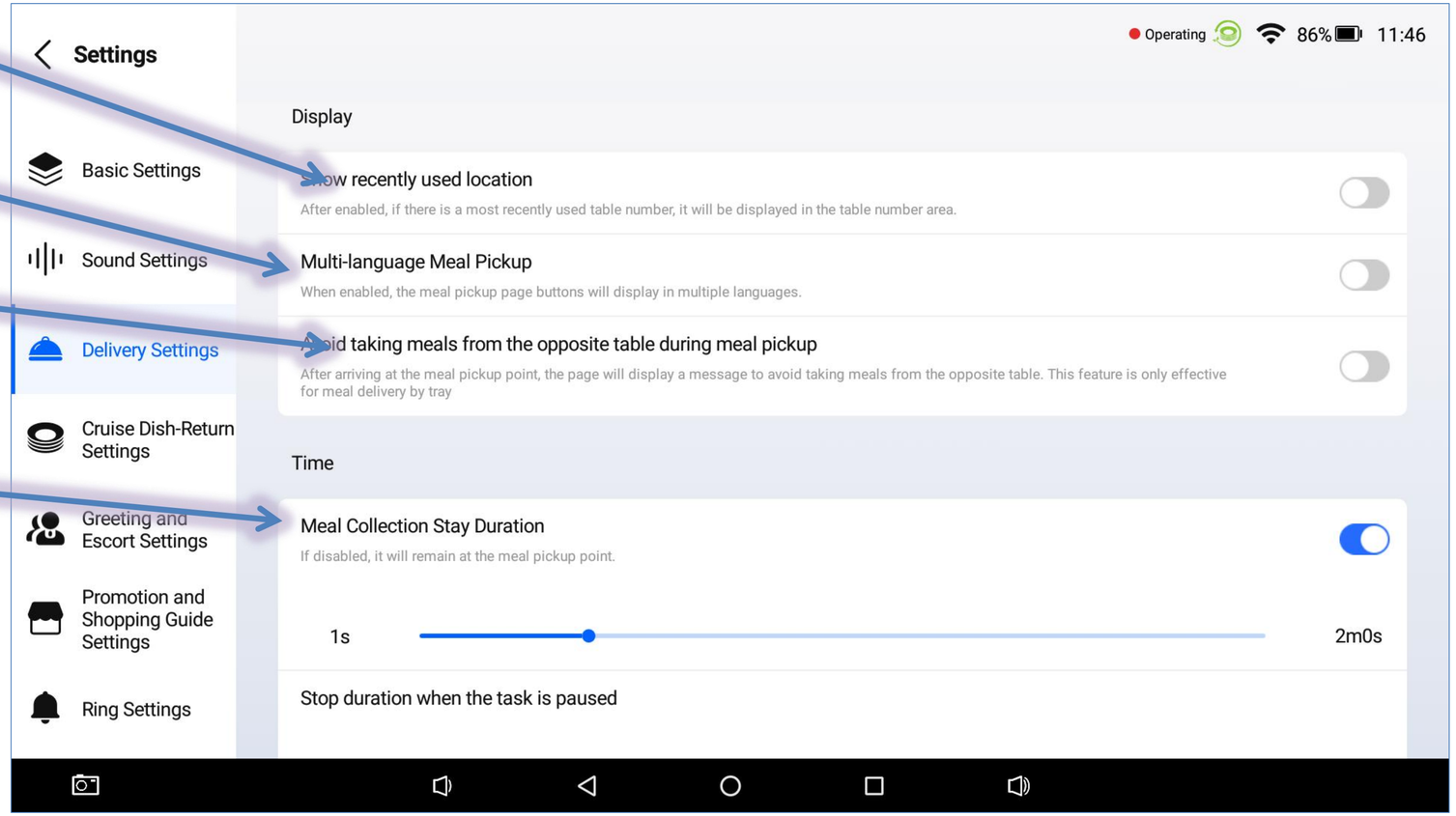
Settings---Delivery Mode (Display)

① Show recently used location: function switch (see the description in the figure)

② Multi-language meal pickup: function switch (see the description in the figure)

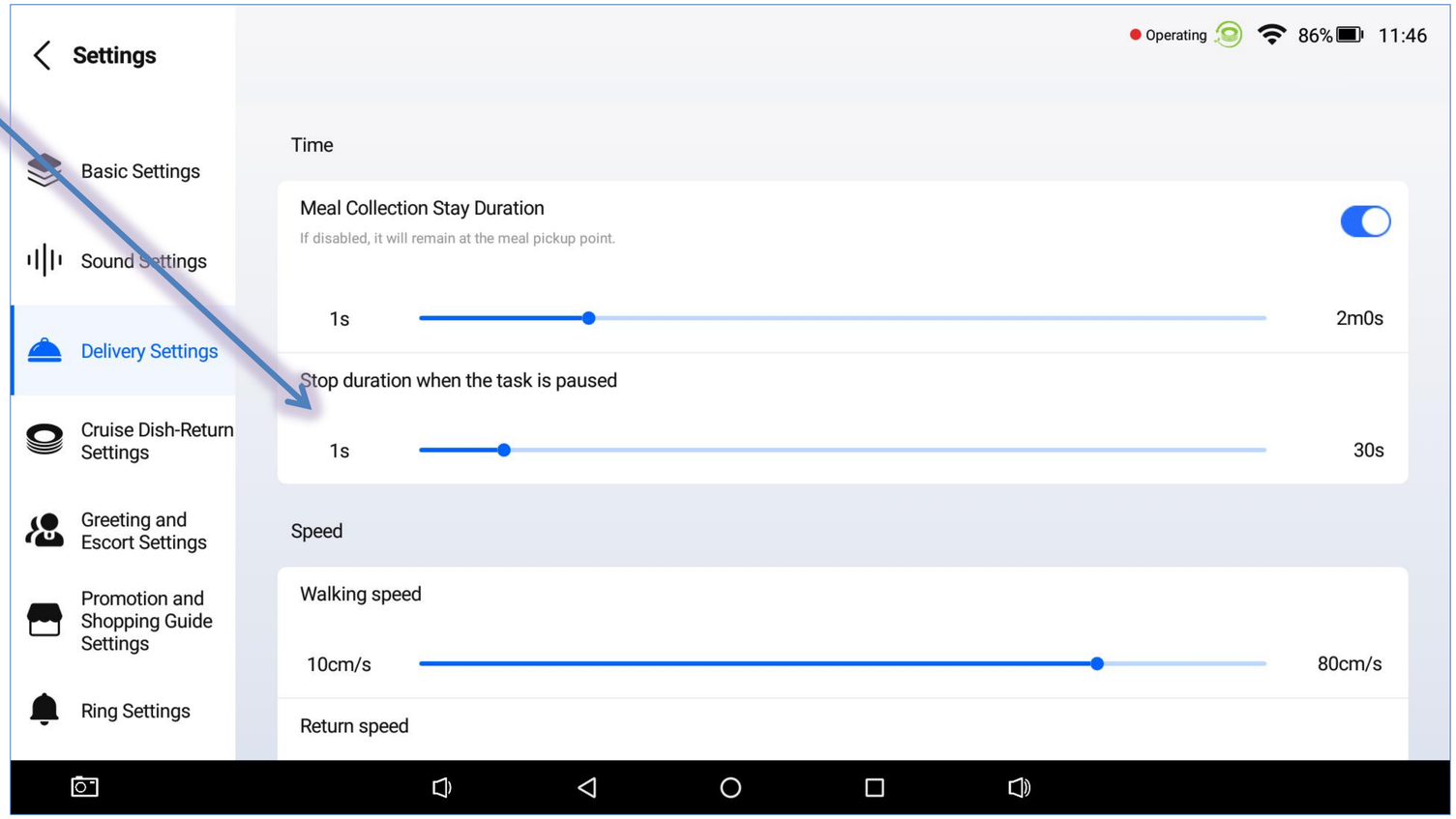
③ Avoid taking food from the opposite table during picking up food: function switch (see the description in the figure)

④Meal collection stay duration: function switch (see the description in the figure)



Settings---Delivery Mode (Time)

① Stop duration when the task is paused: the waiting duration after the interruption of the delivery

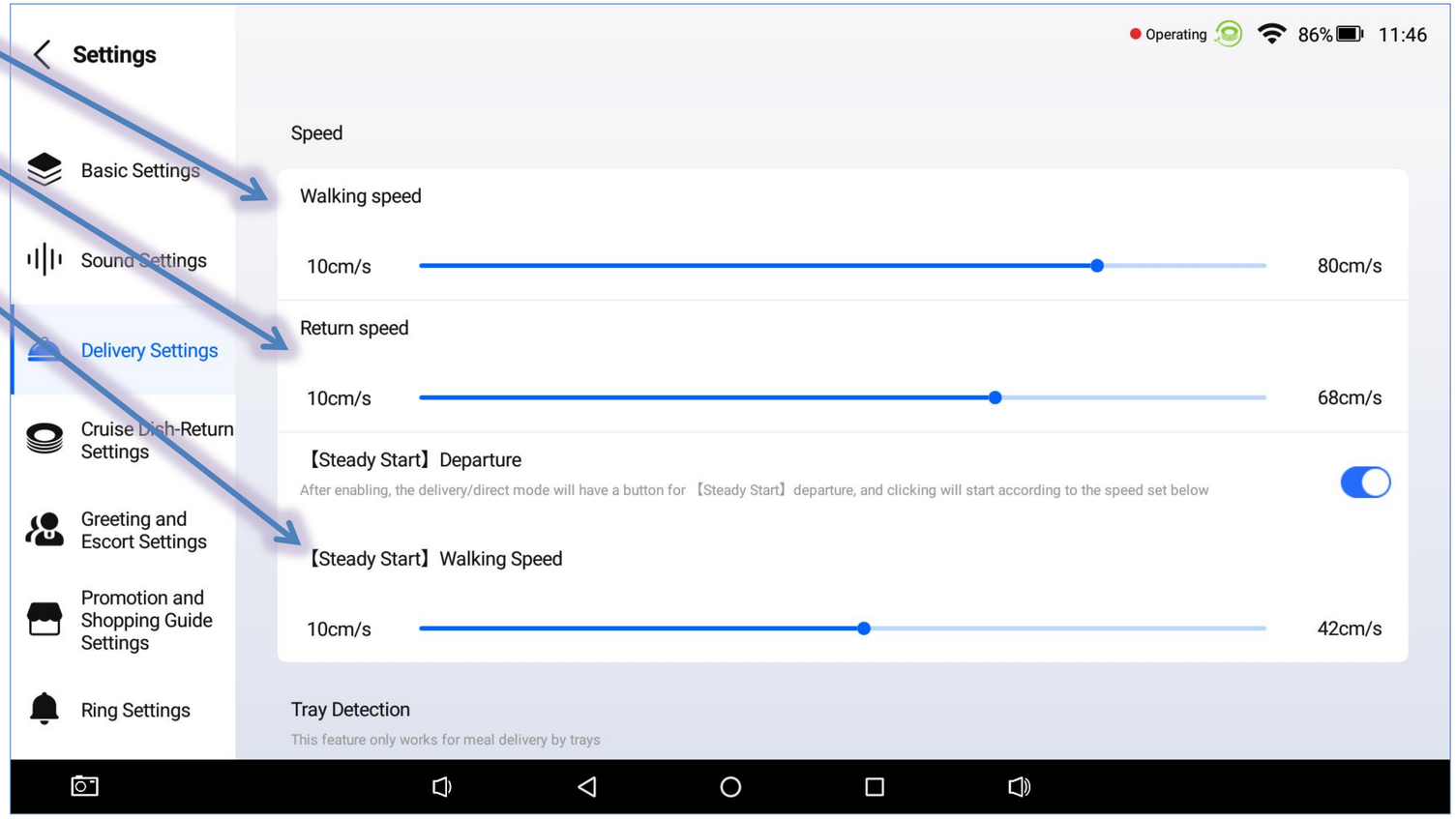


Settings---Delivery Mode (Speed)

① Walking speed: the speed under the delivery mode

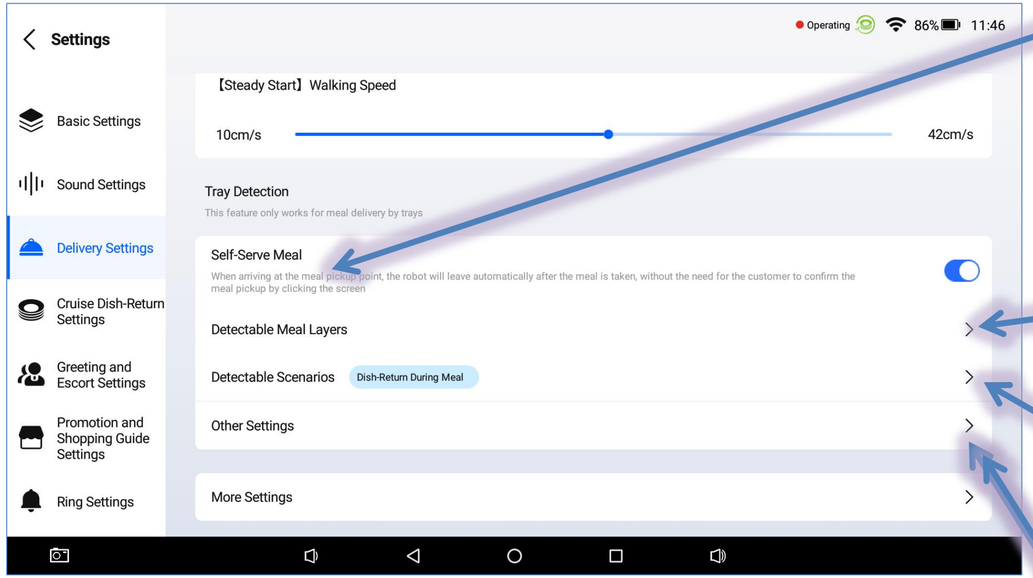
② Return speed: select the speed of returning

③ Ateady start: Function switch (see the description in the picture)

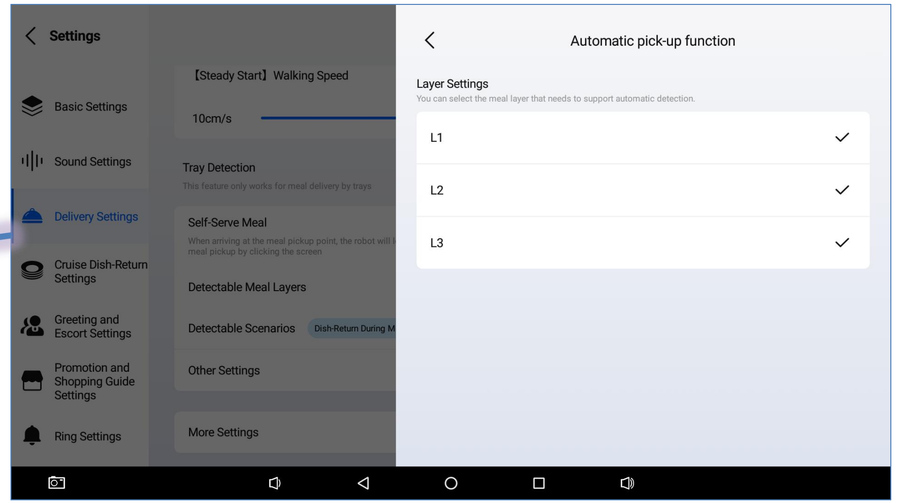


Settings---Delivery Mode (Meal Layers Detection)

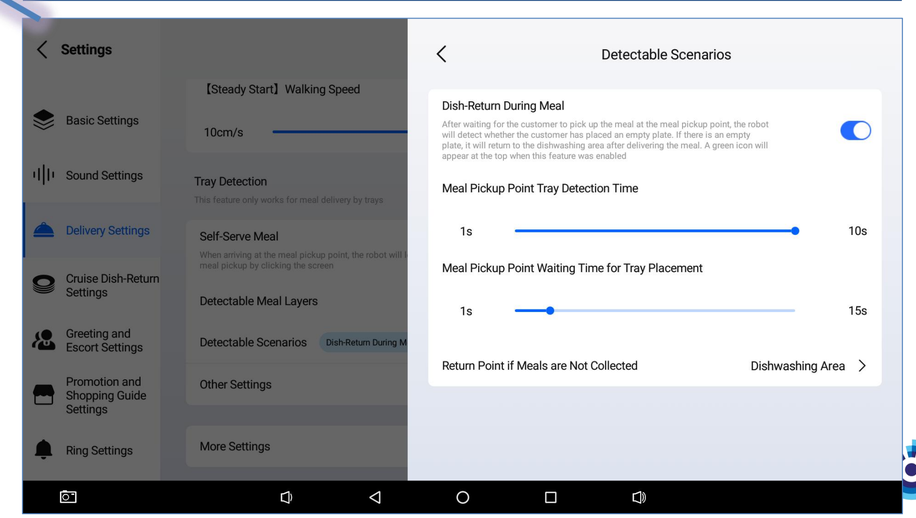
① Self-service meal: function switch (see the description in the figure)



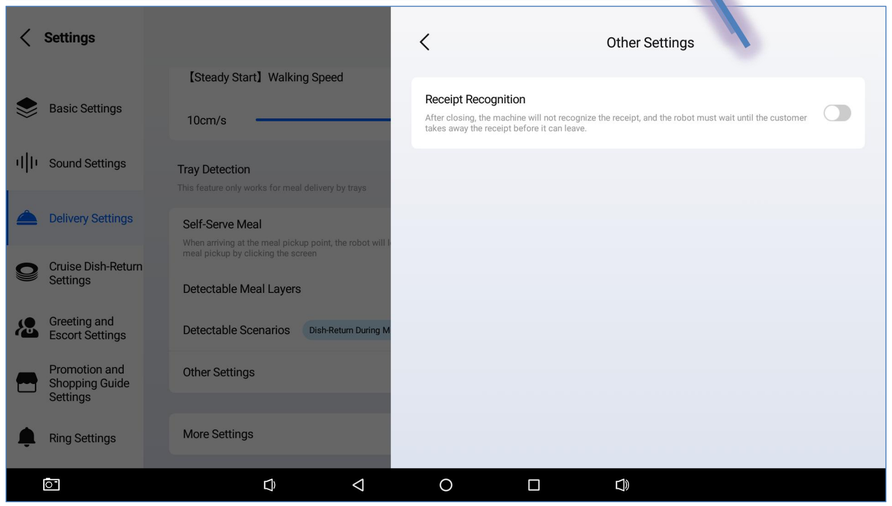
② Detectable meal layer: Select the corresponding plate



③ Detectable scenarios: the function switch and configuration items of the dish return during meals

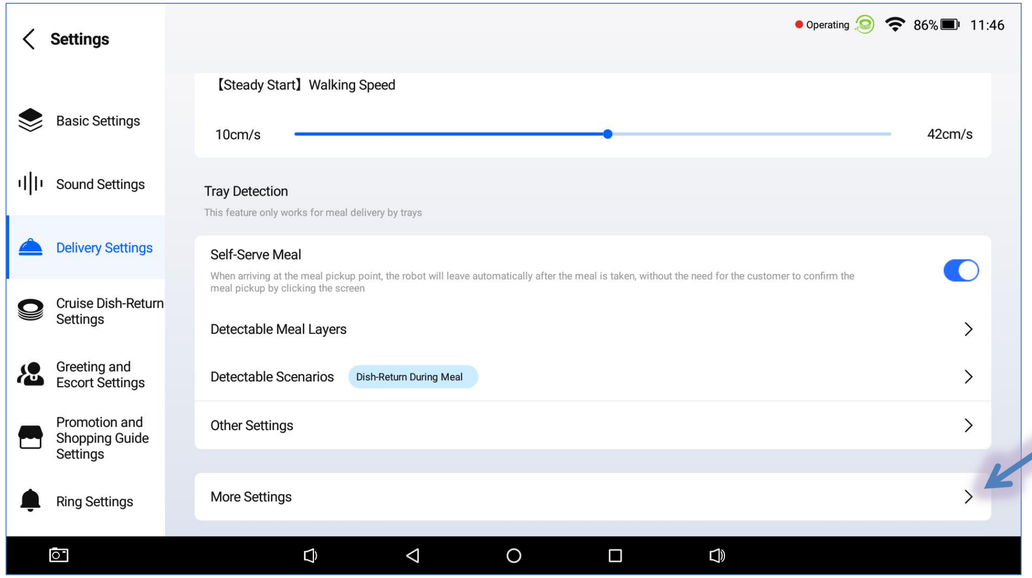


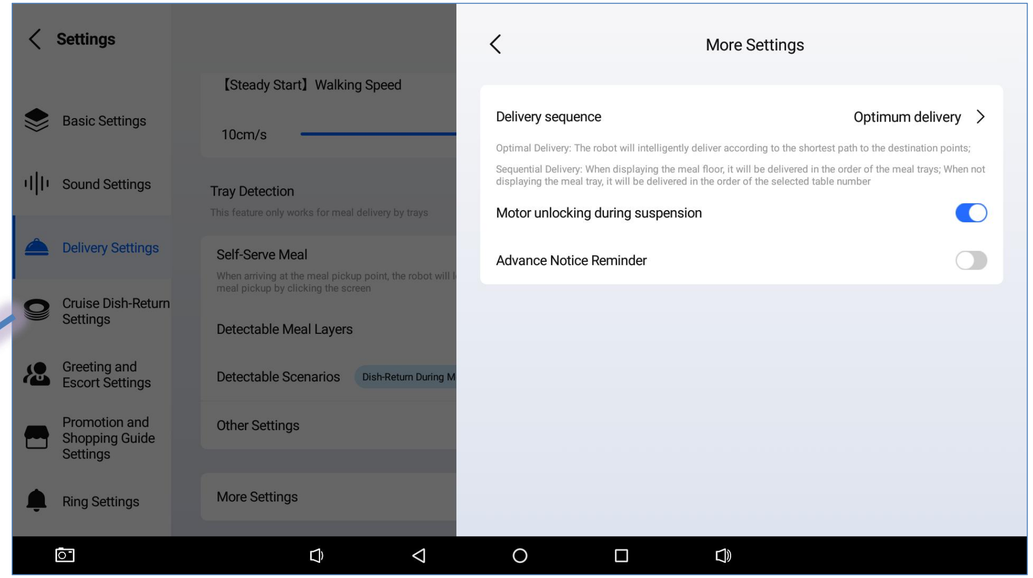
④ Other Settings: whether to recognize tickets



Settings---Delivery Mode (More Settings)

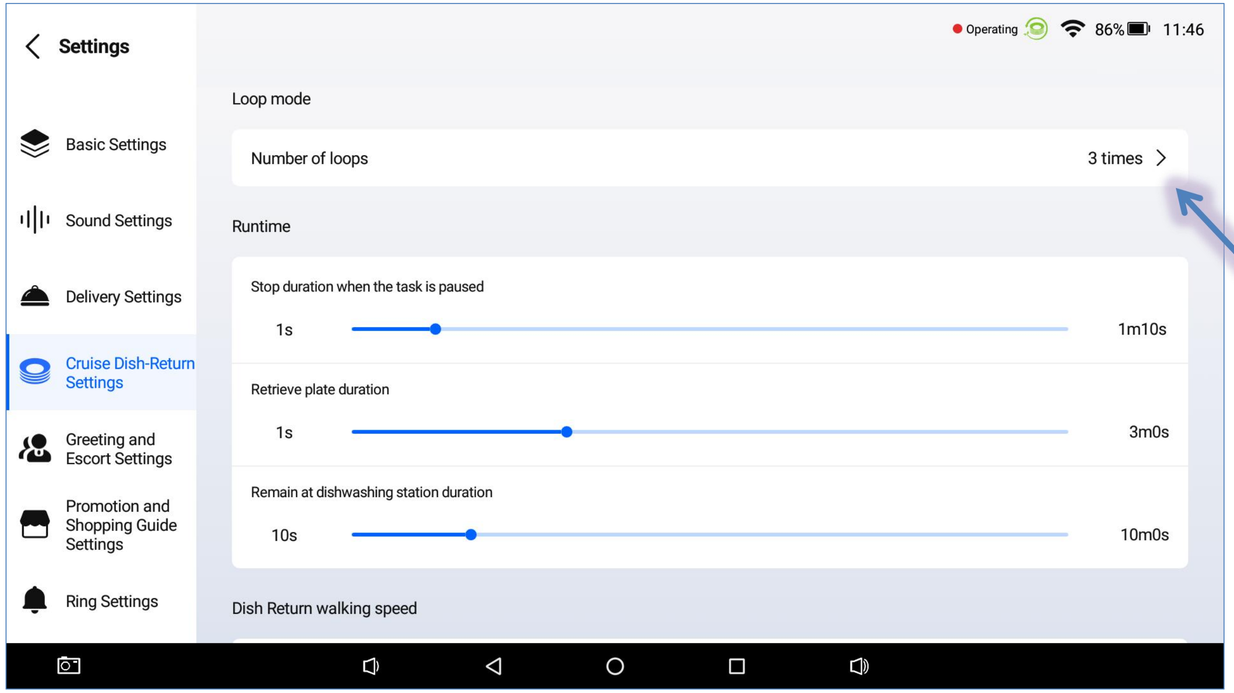
① More Settings: configure other functions

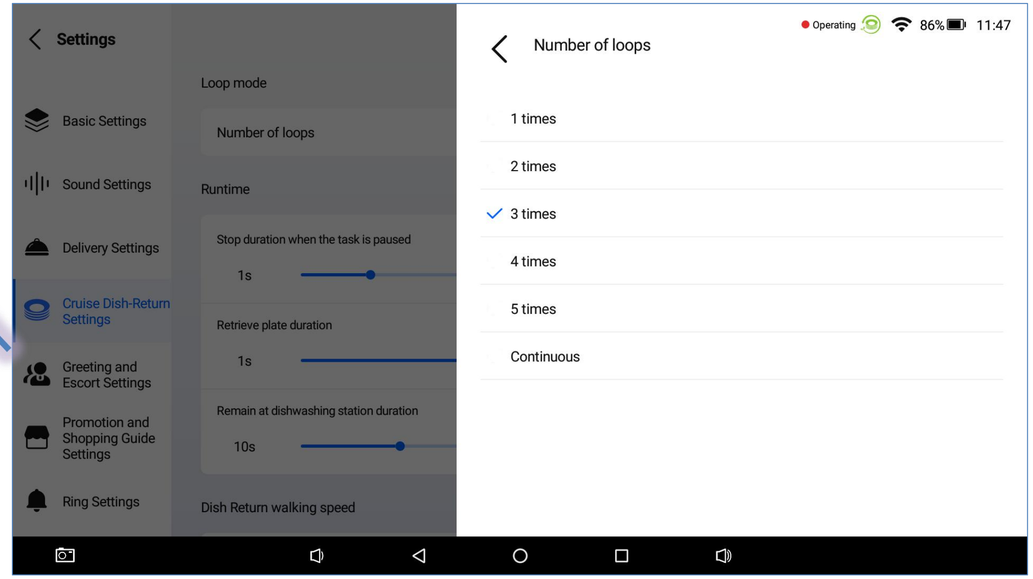




② Delivery order: choose the delivery order and intelligent delivery
Motor unlocking when walking is suspended: function switch (see the description in the figure for details)
Advance notification: Function switch (see the description in the figure for details)

Settings---Cruise Dish-Return Settings (Loop mode)



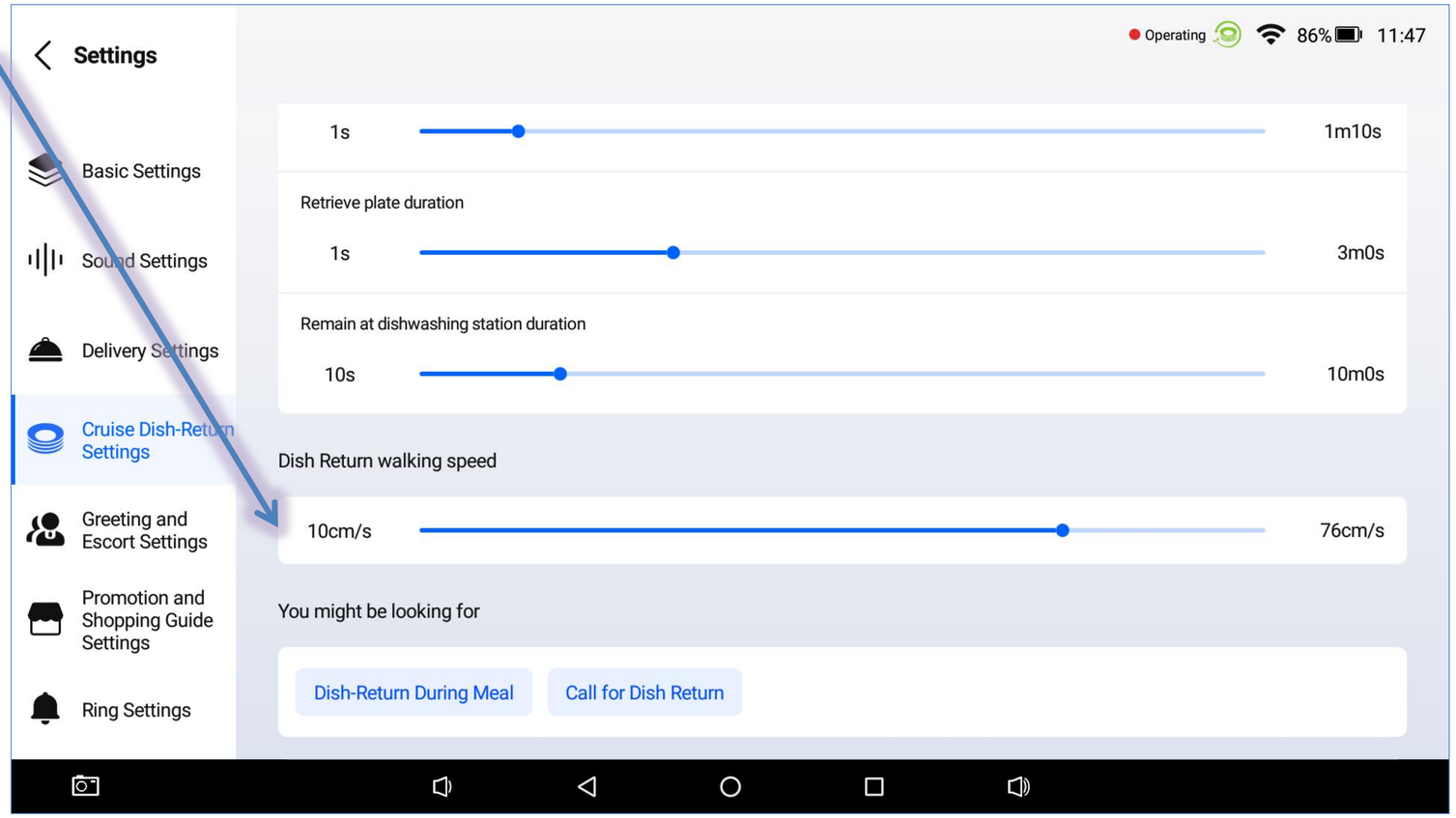


① Cycle mode: number of cycles, as shown above

② Running time:
Pause duration: the time it takes to resume after being paused during operation
Retrieve plate duration: time for retrieving plate
Remian at dishwashing station duration: time for staying at dishwashing station

Settings---Cruise Dish-Return Settings

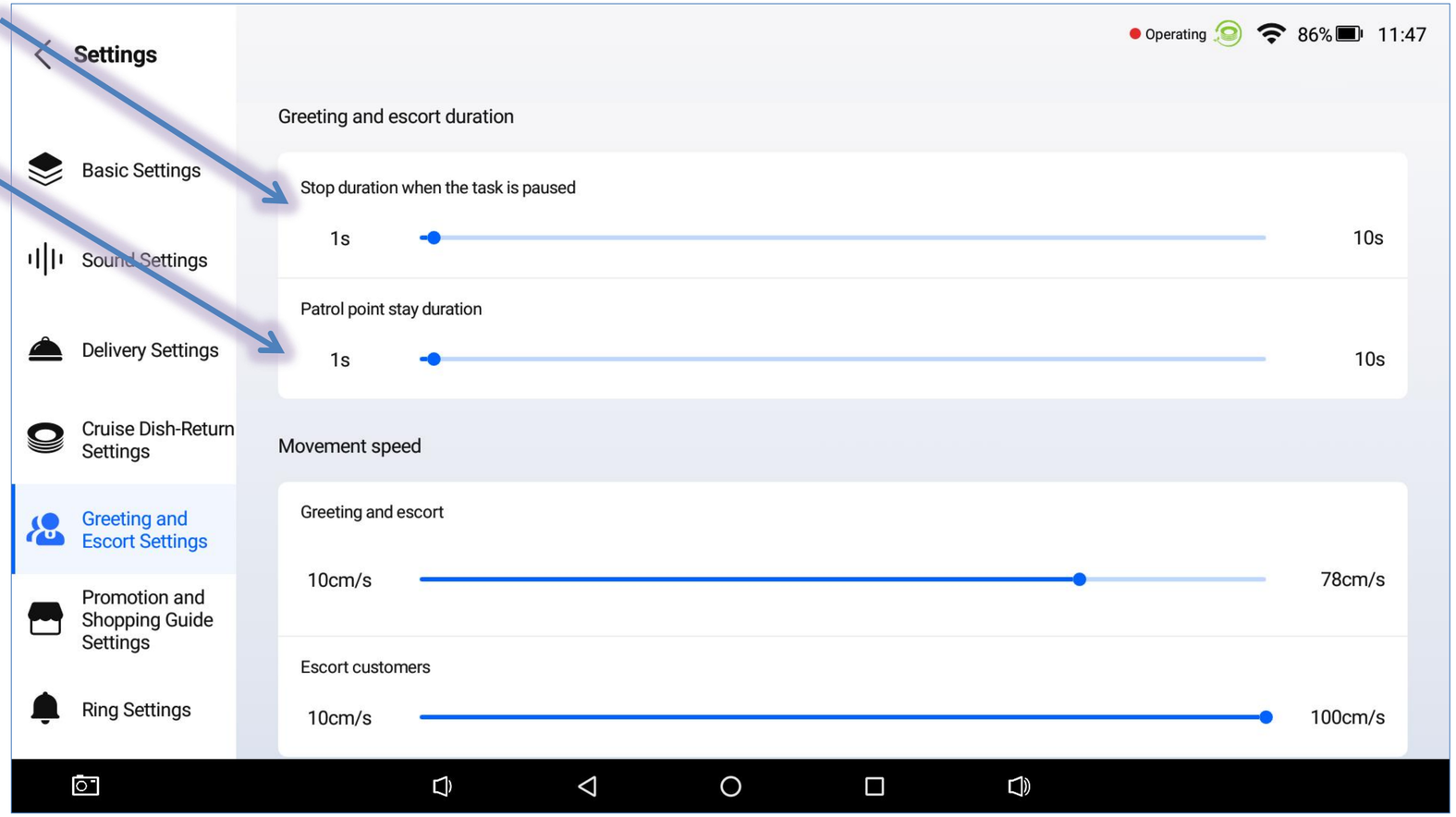
① Walking speed during dish returning



Settings---Greeting and Escort Setting (Duration)

① Pause duration: the time it takes to resume after being paused during operation

② Duration of stay at the patrol point: after arriving at the patrol point

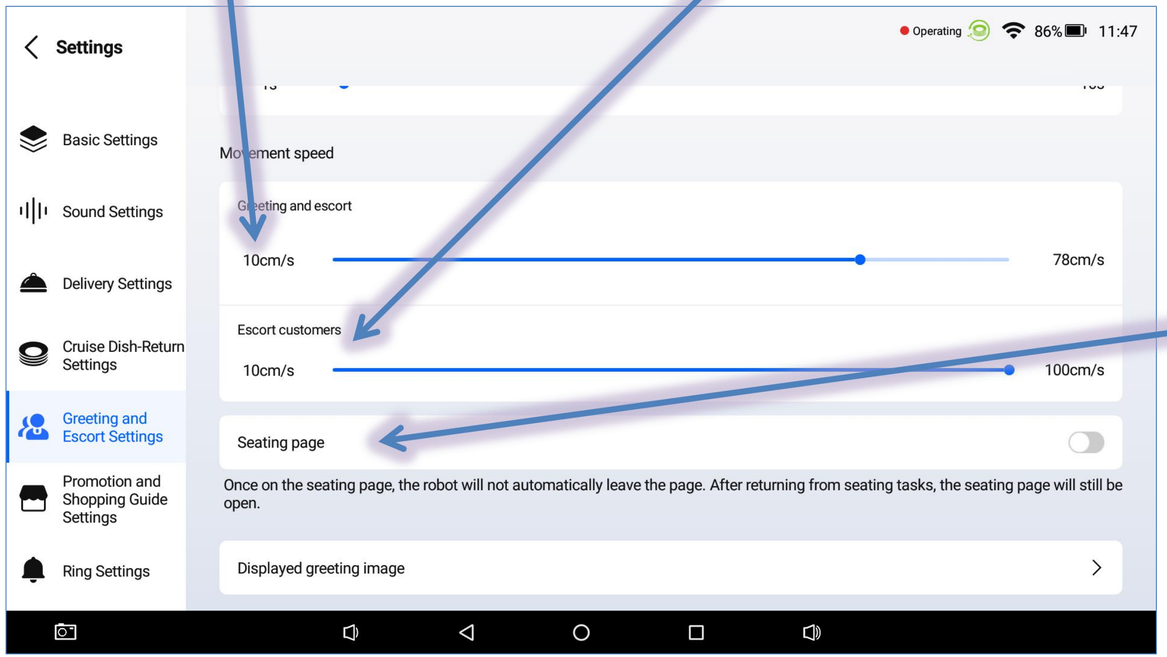


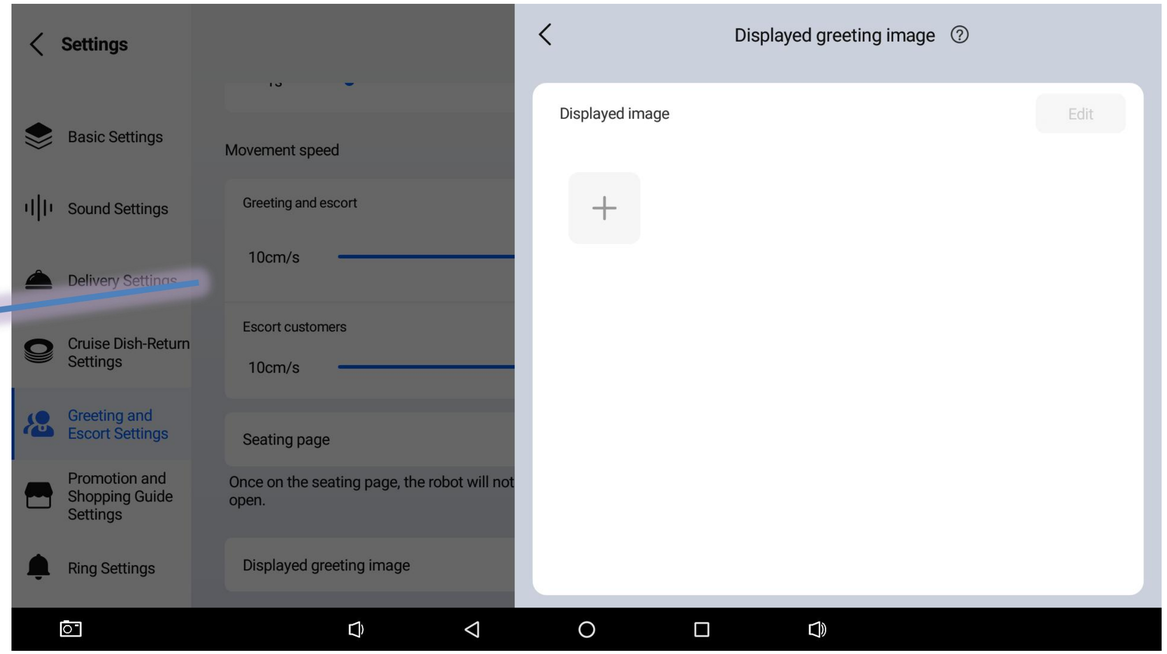
Settings---Greeting and Escort Setting (Walking Speed)

① Greeting and escort: speed adjustment during greeting

② Escort customers: speed adjustment during escorting

③ Greeting page: configure greeting image for escort customers mode

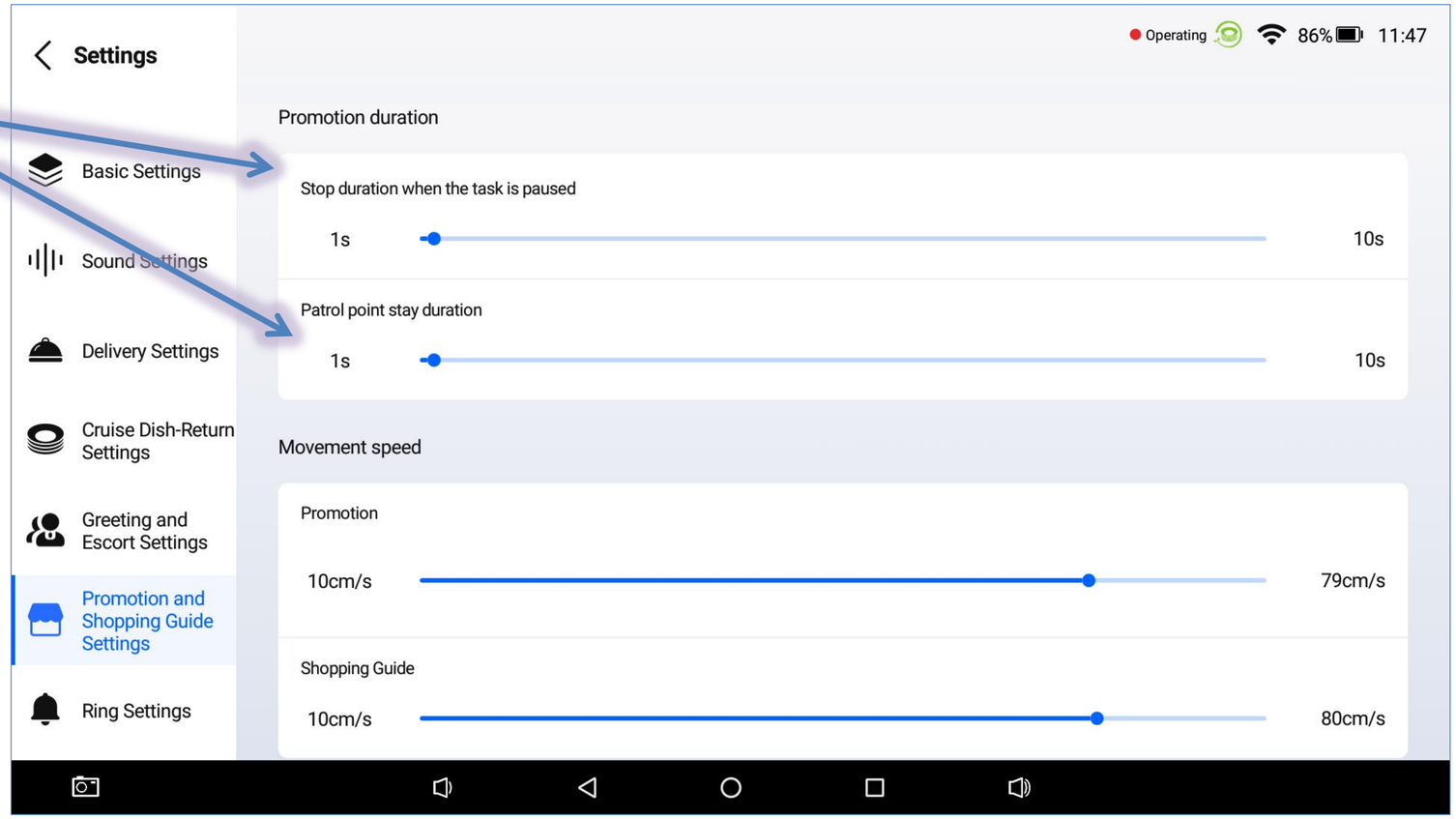




Settings---Promotional Shopping Guide Settings (Promotion Speed)

① Pause duration: the time to pause and resume in promotion mode

② Duration of stay at patrol point: after arriving at the patrol point

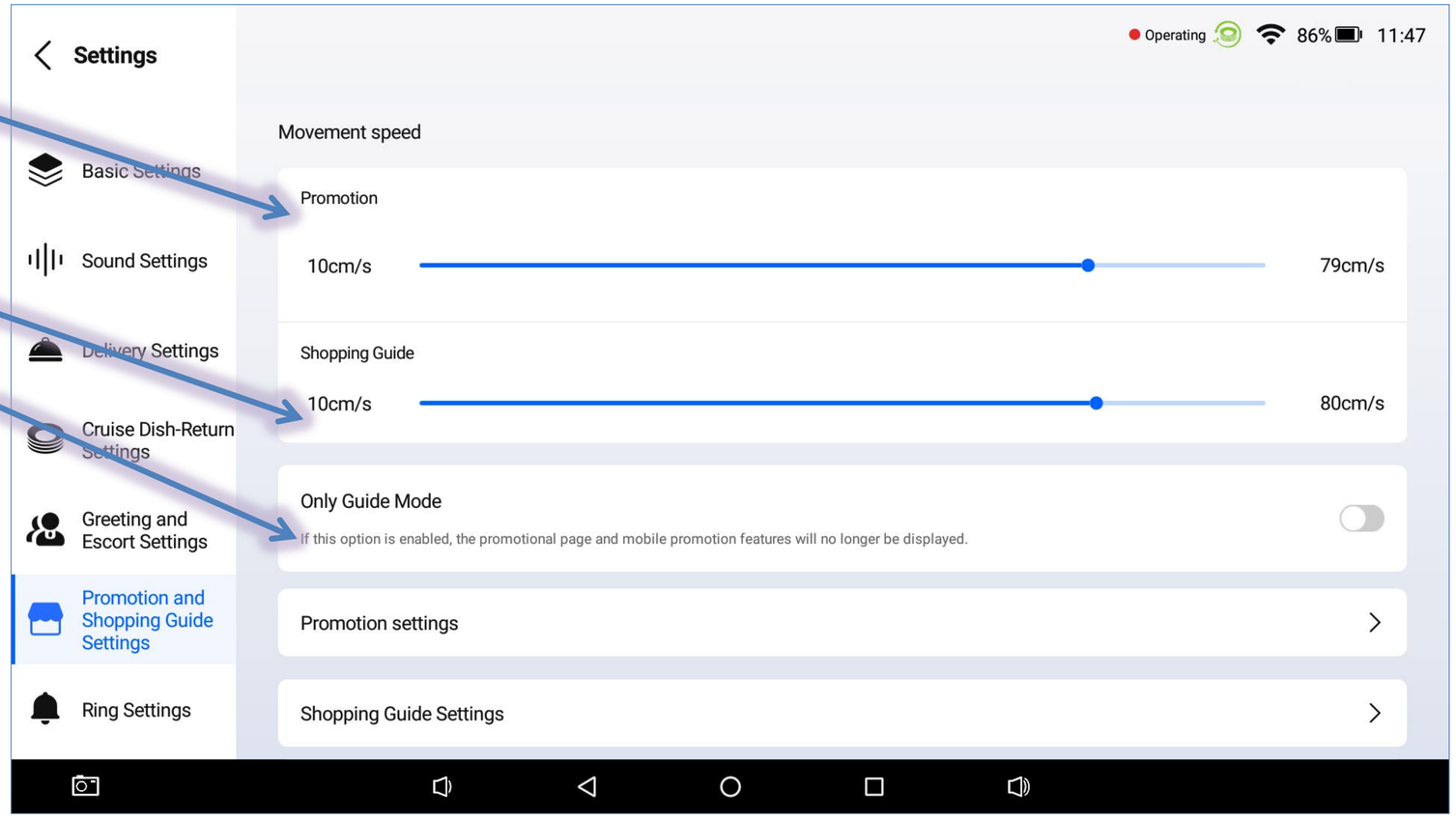


Settings---Promotional Shopping Guide Settings (Promotion Speed)

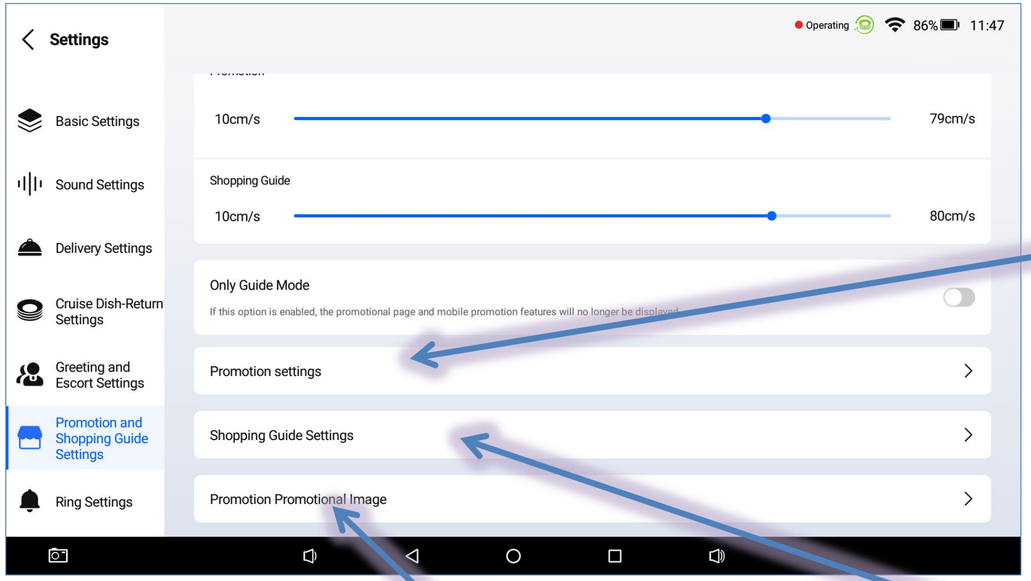
① Promotion: adjust speed during promotion

②Shopping guide: adjust speed during the guiding

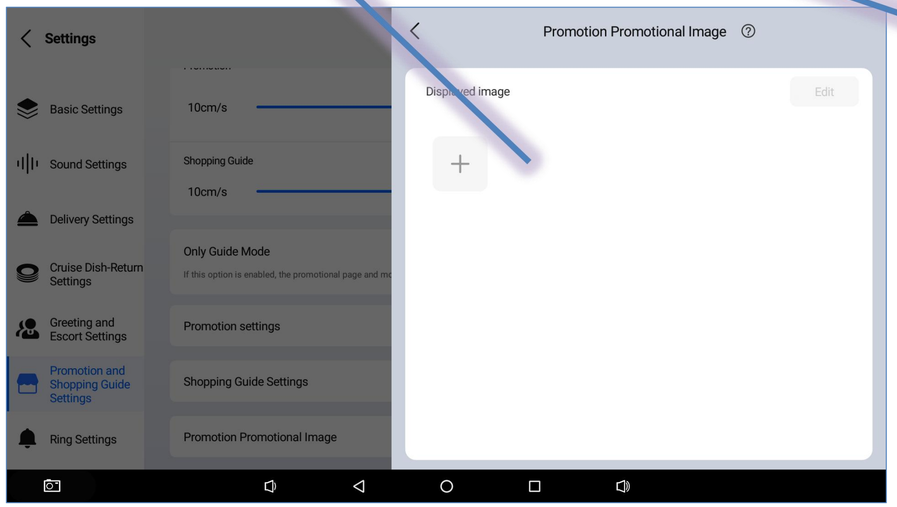
③ Only guide mode: function switch (see the description in the picture for details)



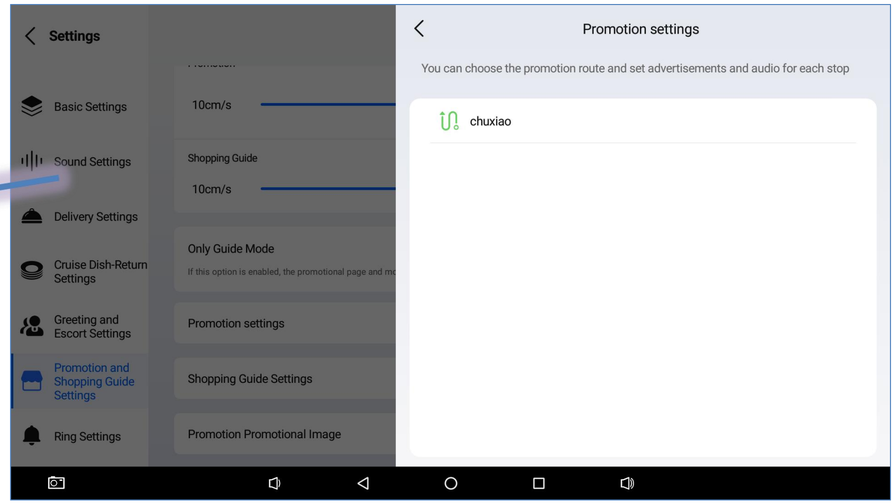
Settings---Promotional Shopping Guide Settings



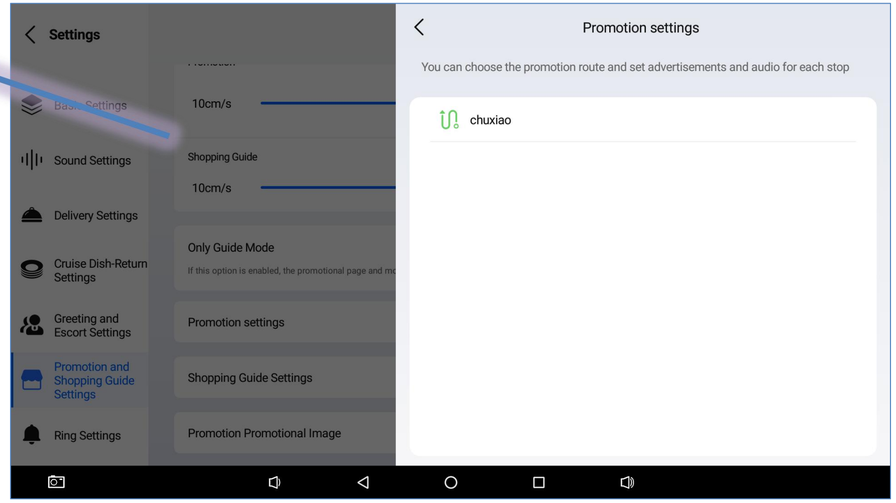
② Promotional picture: upload pictures first and select the image as needed



① Promotion Settings: Selection of promotion routes

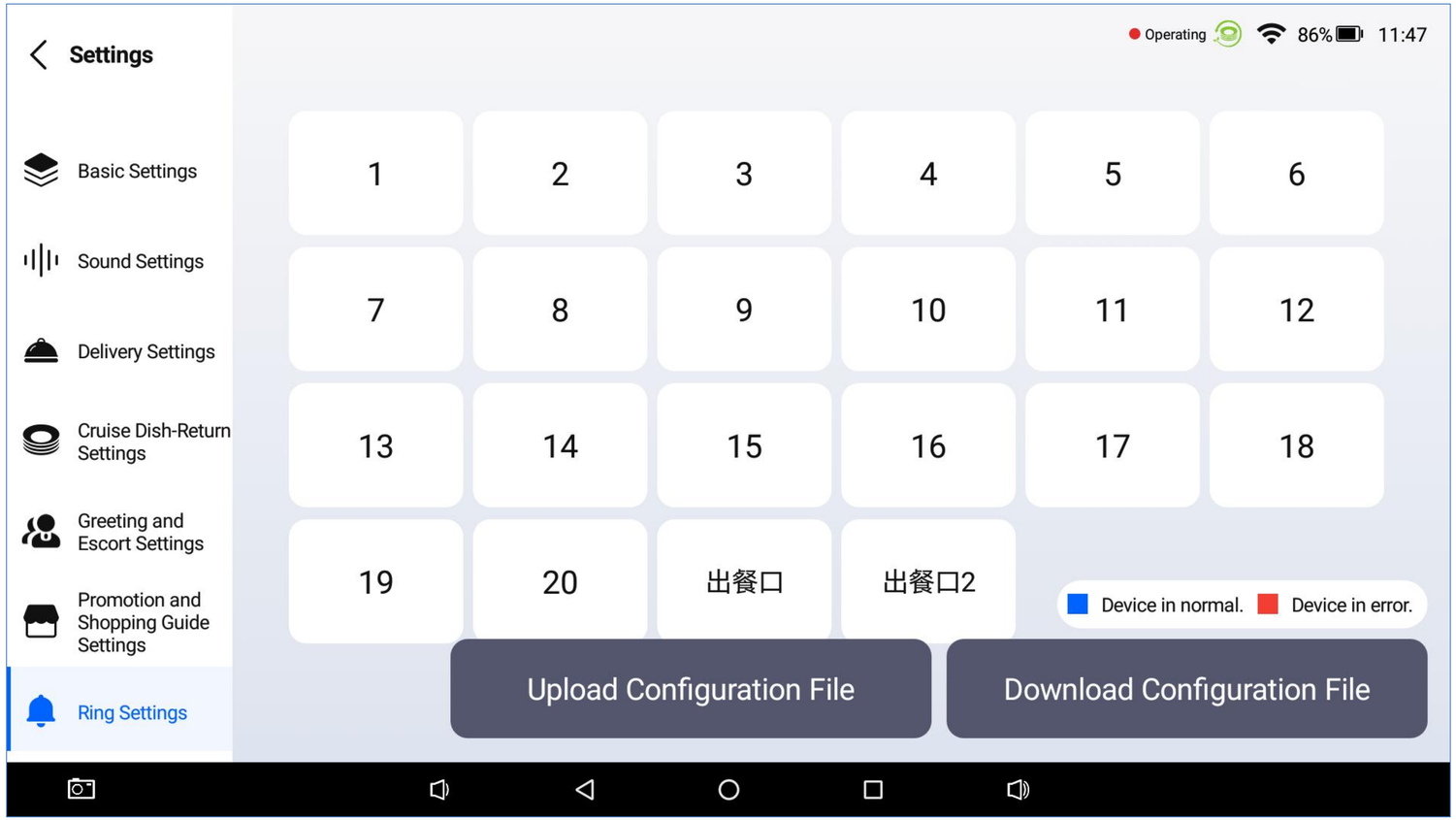


② Shopping Guide Settings: see the description in the picture for details



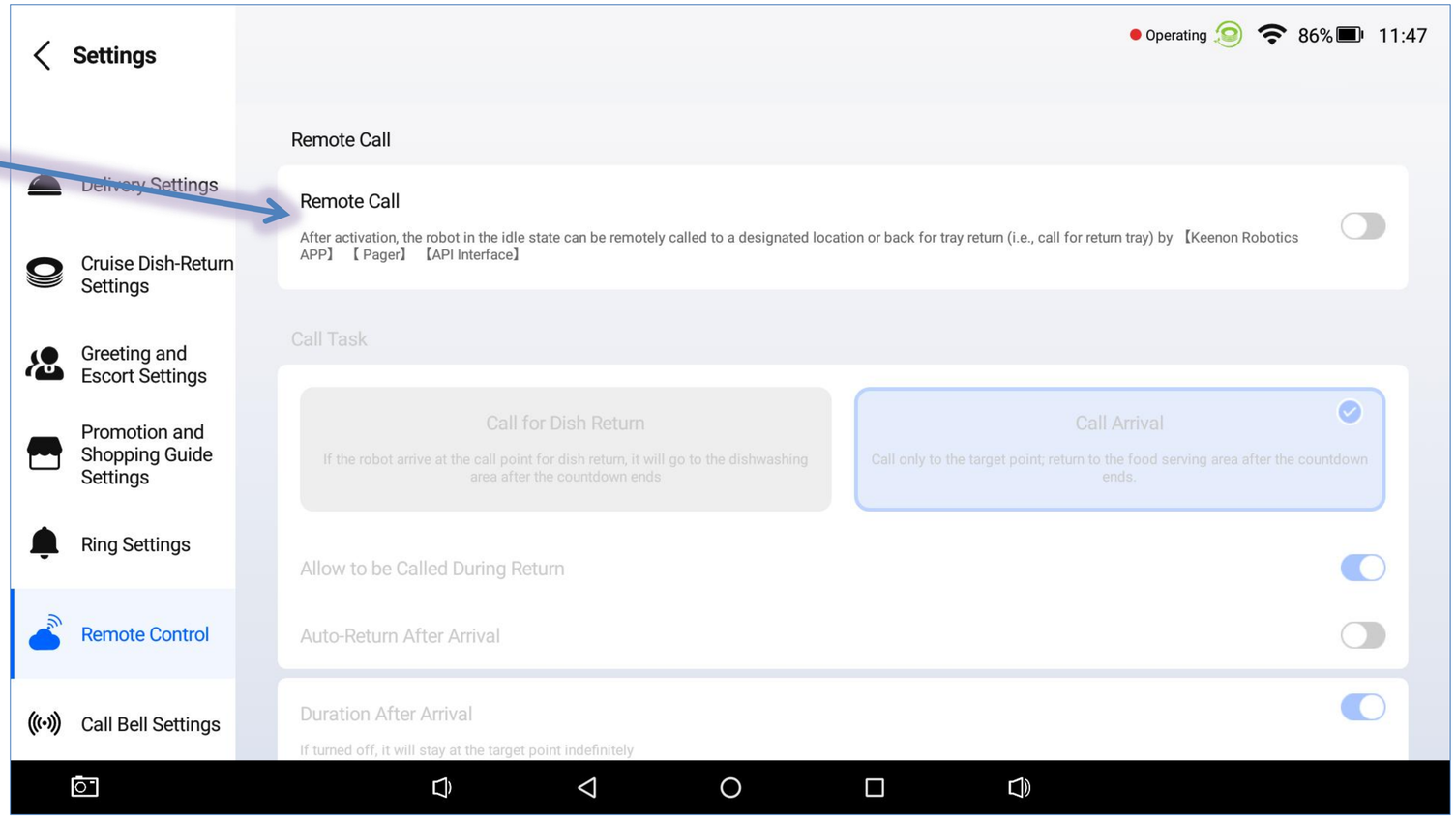
Settings---Ring Settings

① Notification ring: binding and configuration of notification ring at each point



Settings---Remote Control (Remote Call)

① Remote call: remotely control the main switch, control the remote tasks of devices such as API, call bell and mobile APP

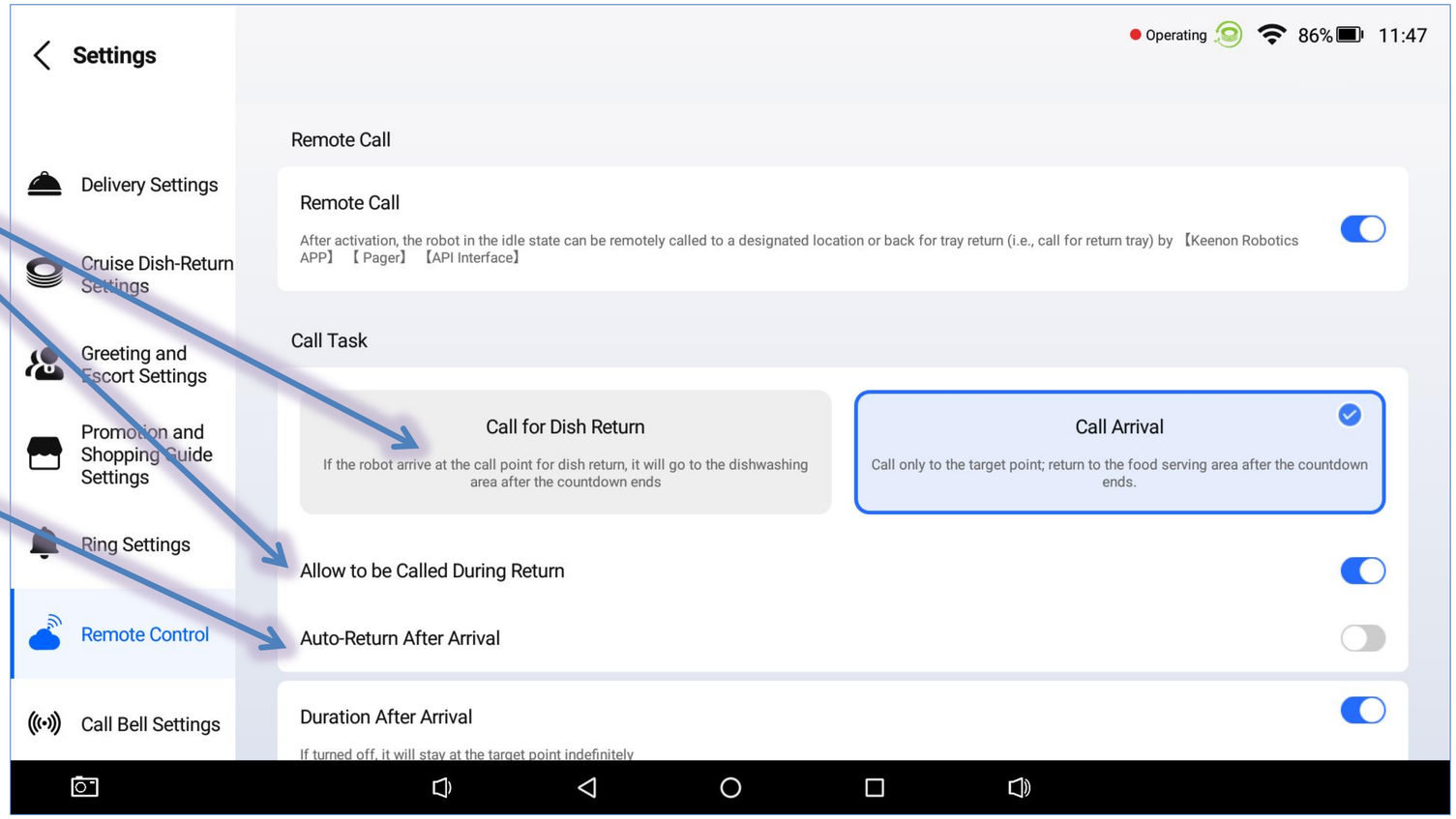


Settings---Remote Control (Call for Task)

① Call for Dish Return/Arrival: after completing the call task, return to the point selection page.

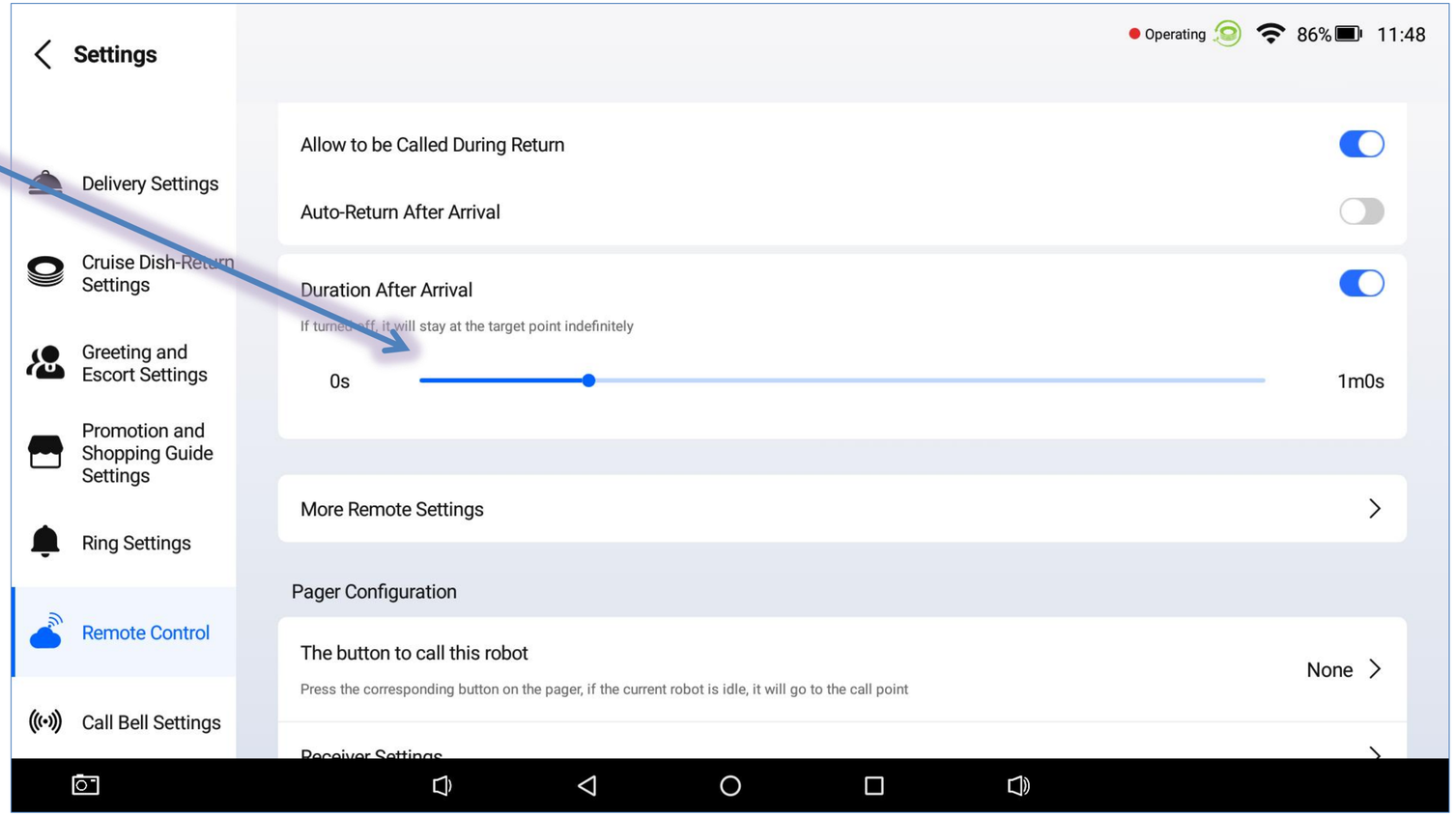
②Allow call during return: Function switch (details are described in the illustration).

③ Automatic return after arrival: function switch (see the description in the figure for details)

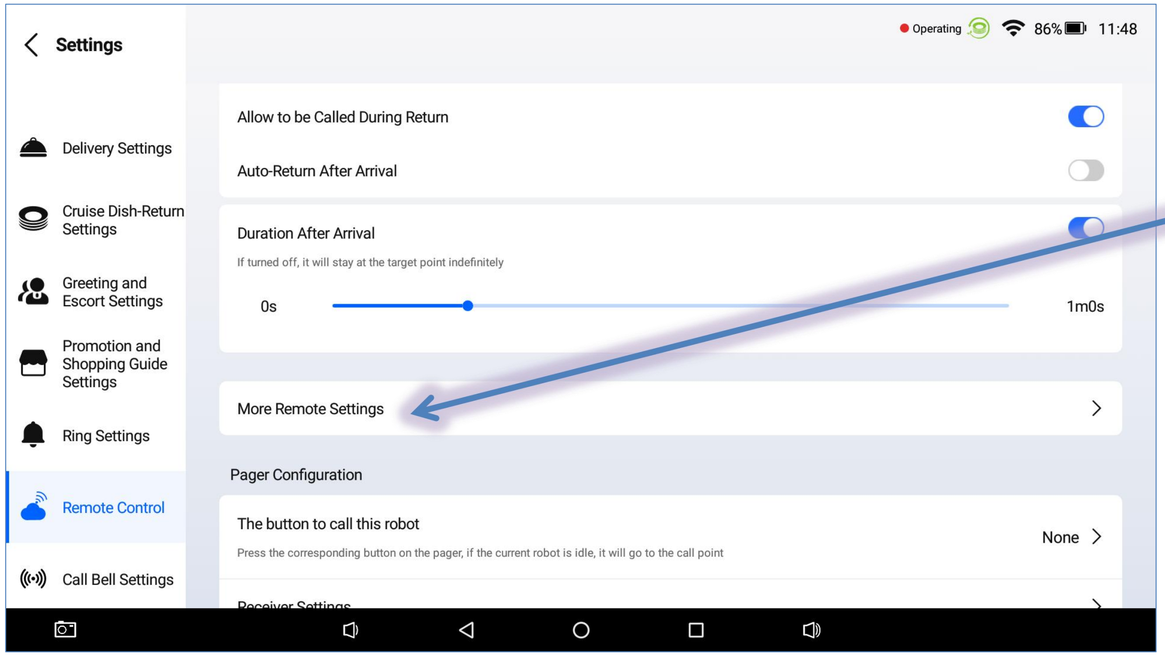


Settings---Remote Control (Call for Task)

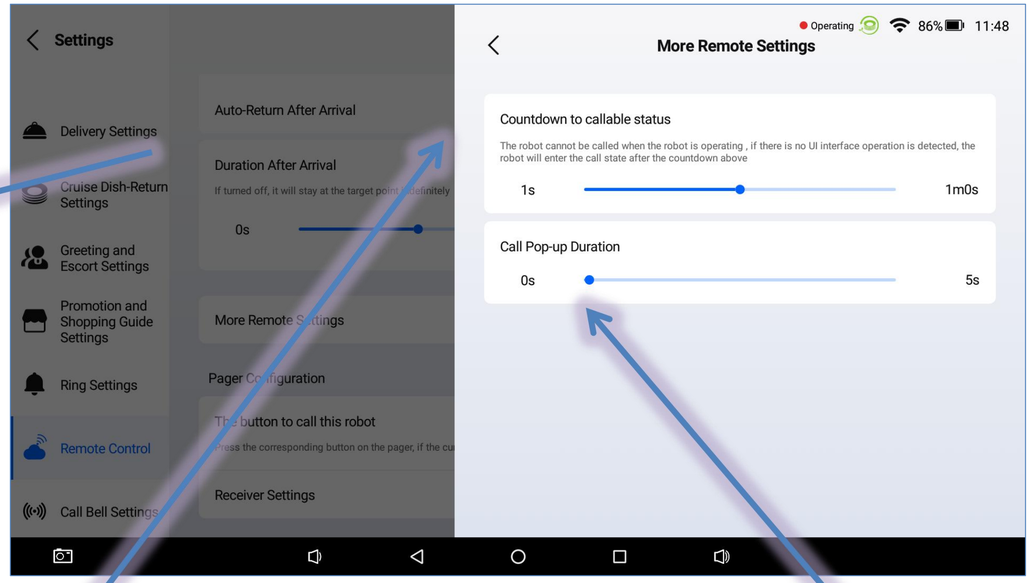
① Duration after arrival: the duration of stay after robot arrives at target point



Settings---Remote Control (Call for Task)



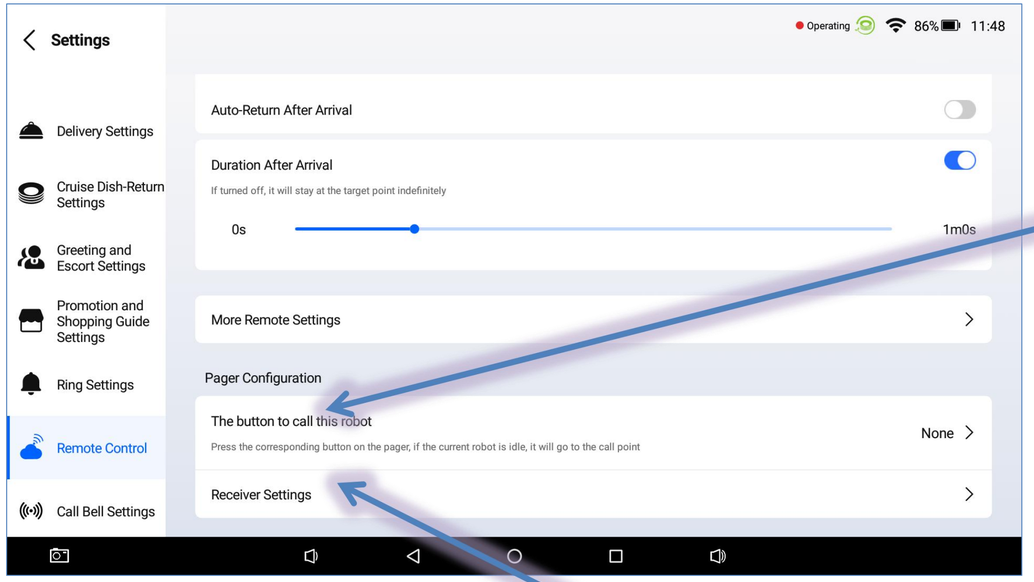
① More remote settings



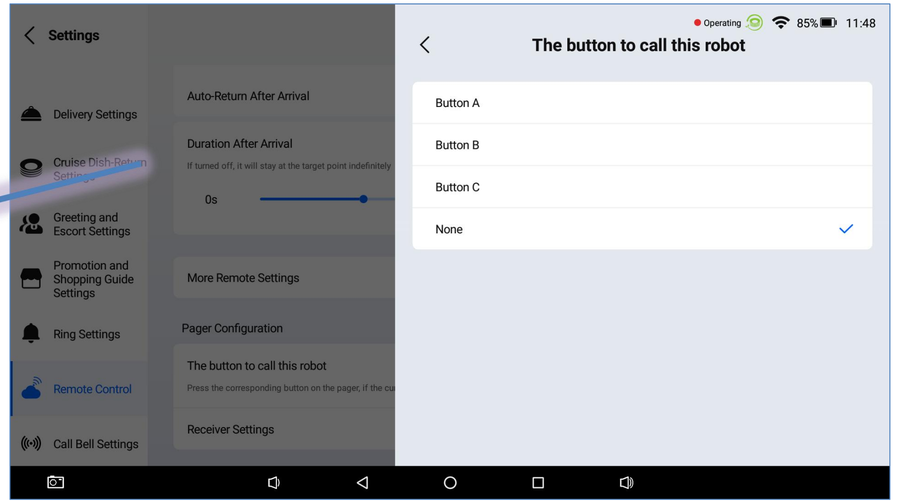
② Countdown to callable status: adjust the parameter, see the figure for details

③ Call pop-up duration: pop-up duration setting

Settings---Remote Control (Call Device Configuration)

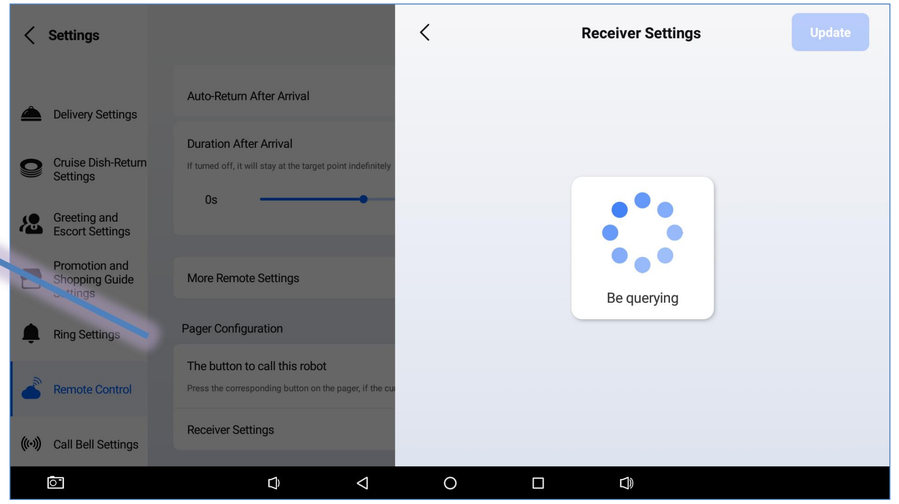


① Call the local key



③ Call the local button: call bell recognize button setting

② Receiver setting



④ Receiver setting: Display after recognition

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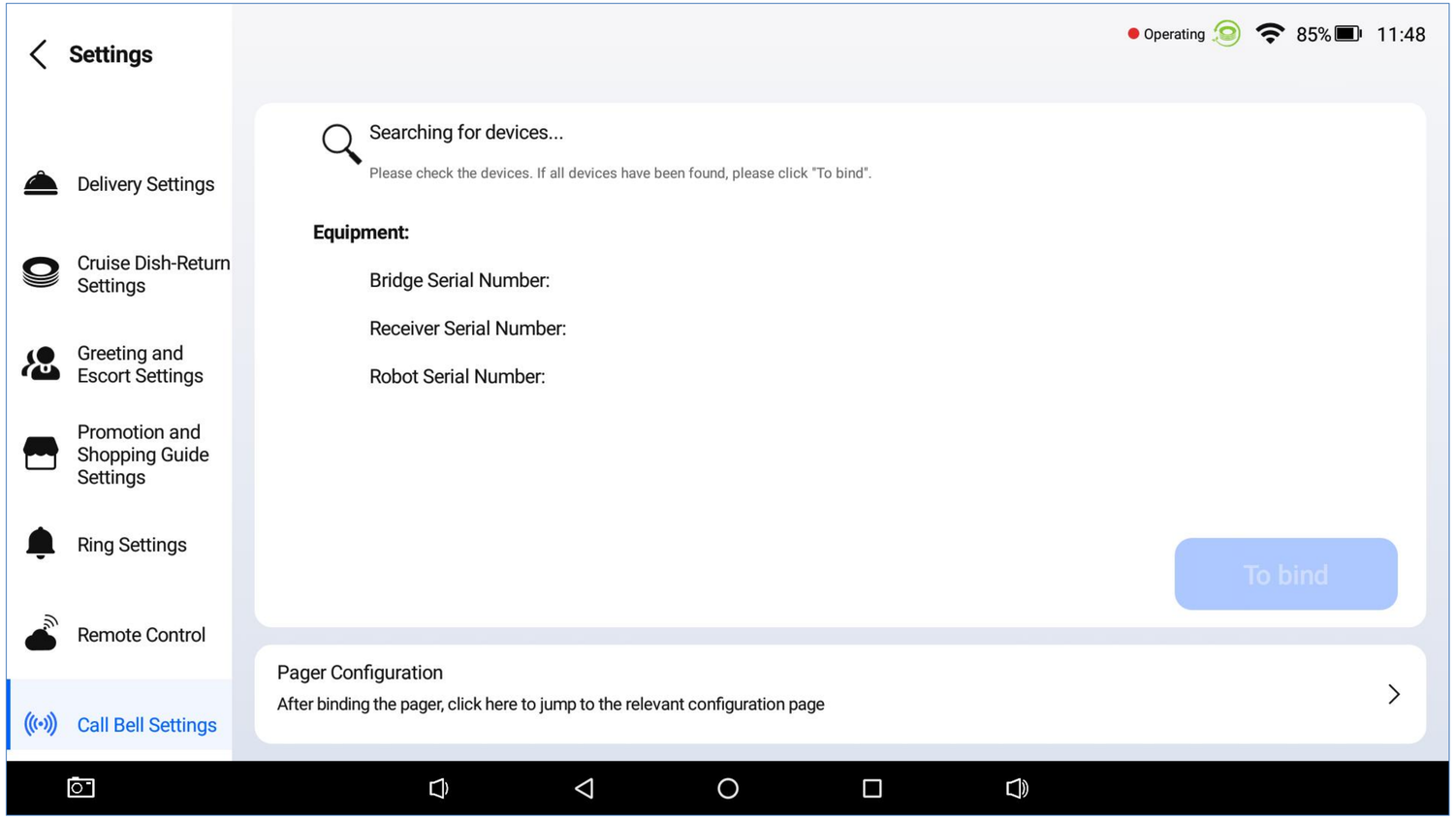
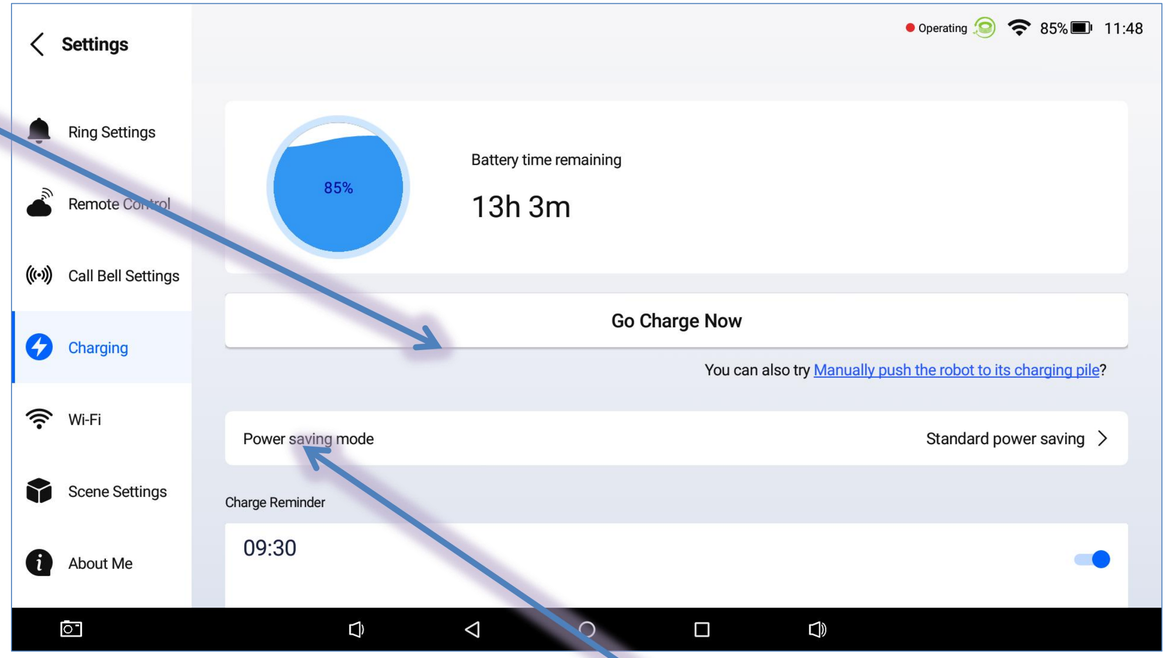
Settings---Call Device Configuration

① Call device configuration: Bind the call bell, and bind the call point and call bell id number

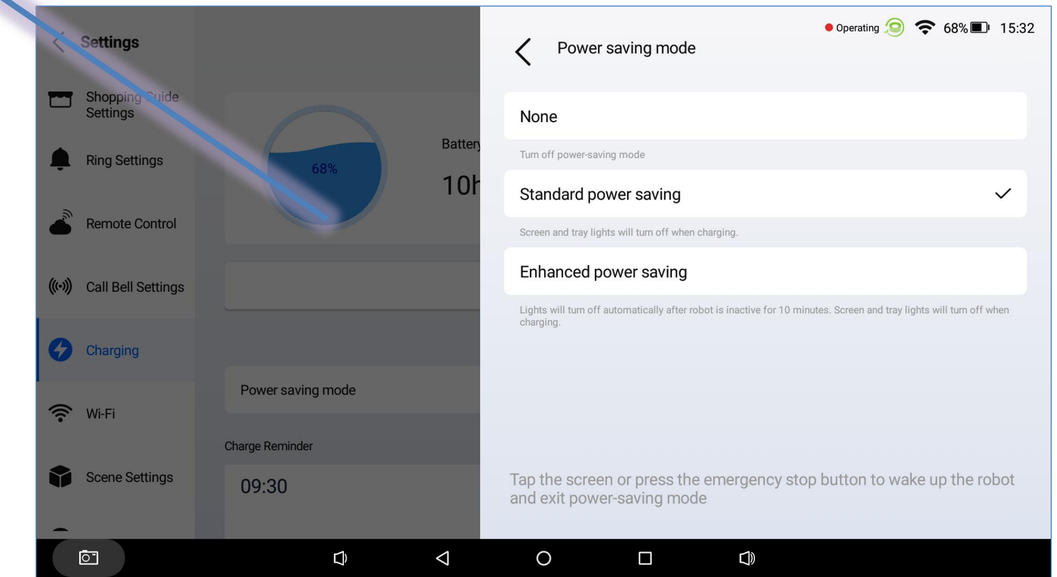


Settings---Charging Settings

① Charge immediately: Go to the charging pile to charge

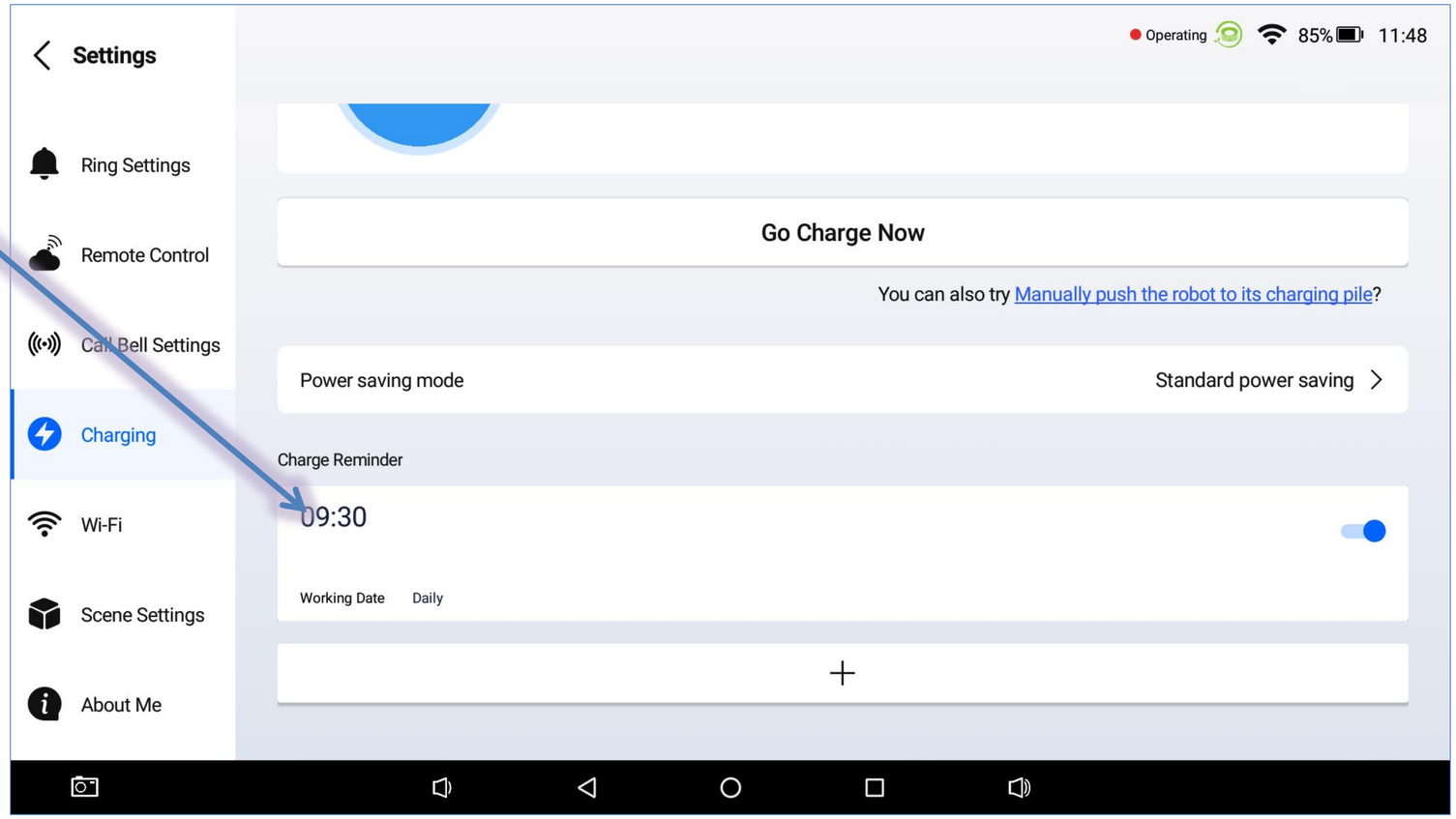


② Power saving mode: select the corresponding usage mode according to the battery life, see the specific strategy shown in the figure



Settings---Charging Settings (Charging Reminder)

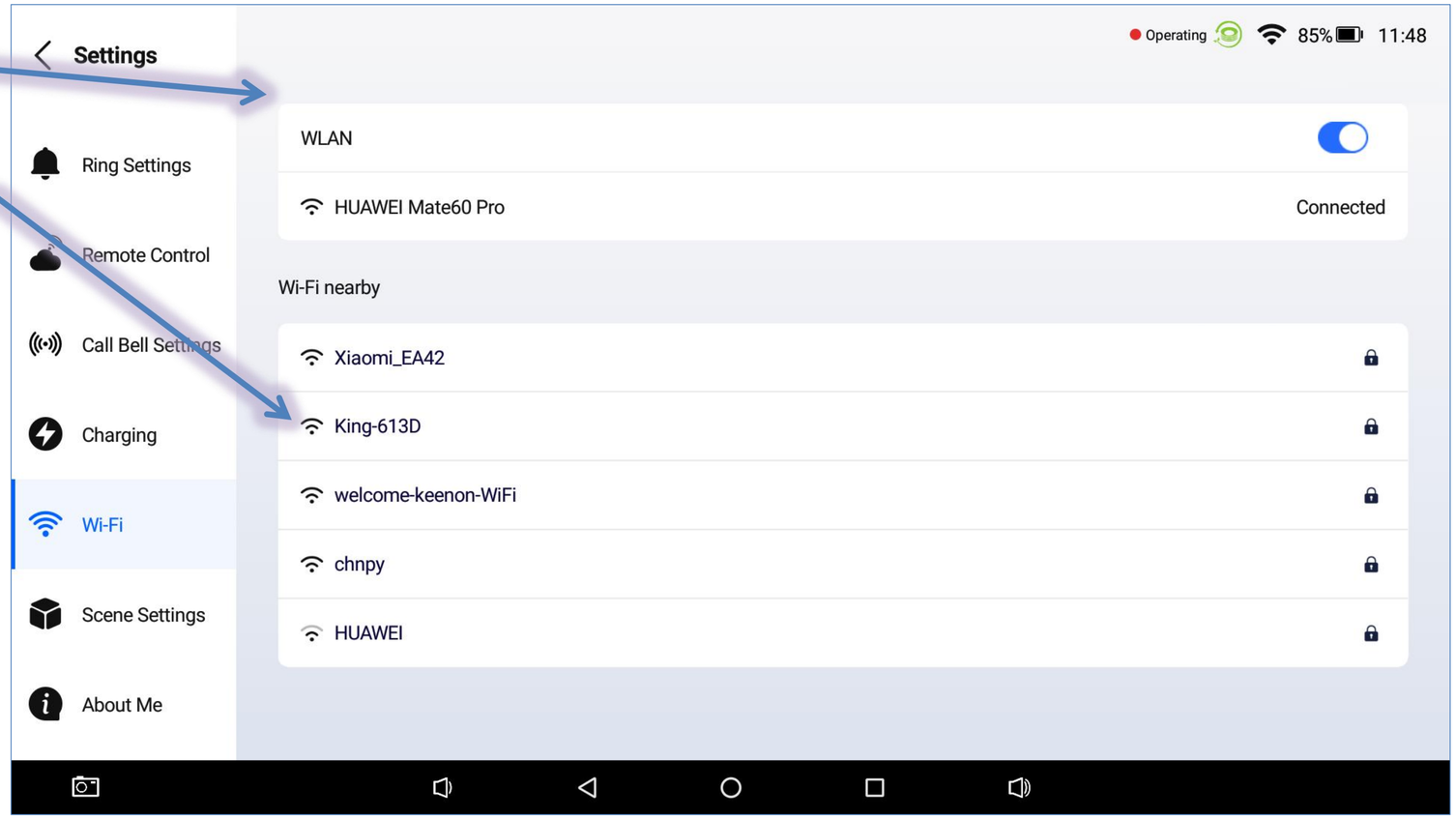
① Charging reminder: set working time and charging time



Set up---Wi-Fi

① WLAN: switch on/off

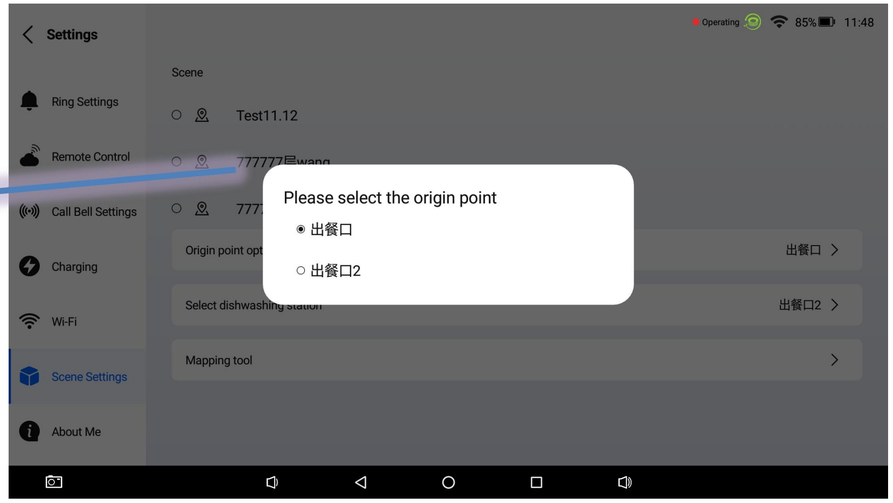
①Nearby Wi-Fi : identified network



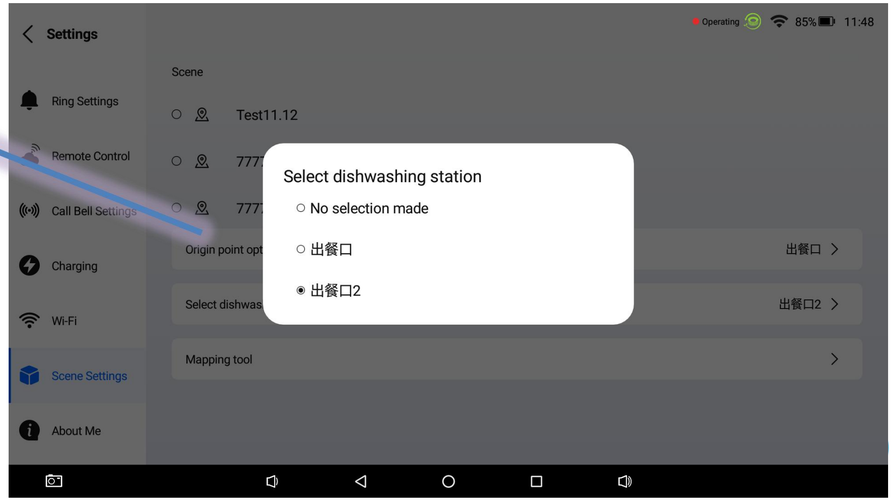
Settings---Scene Settings

① Scene selection: resource package list

② Selection of the origin point: Select the corresponding original point



③ Choose the dishwashing room: Choose the dishwashing point



④ Mappng tool: Click to jump to the robot installation assistant

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Settings---About Me

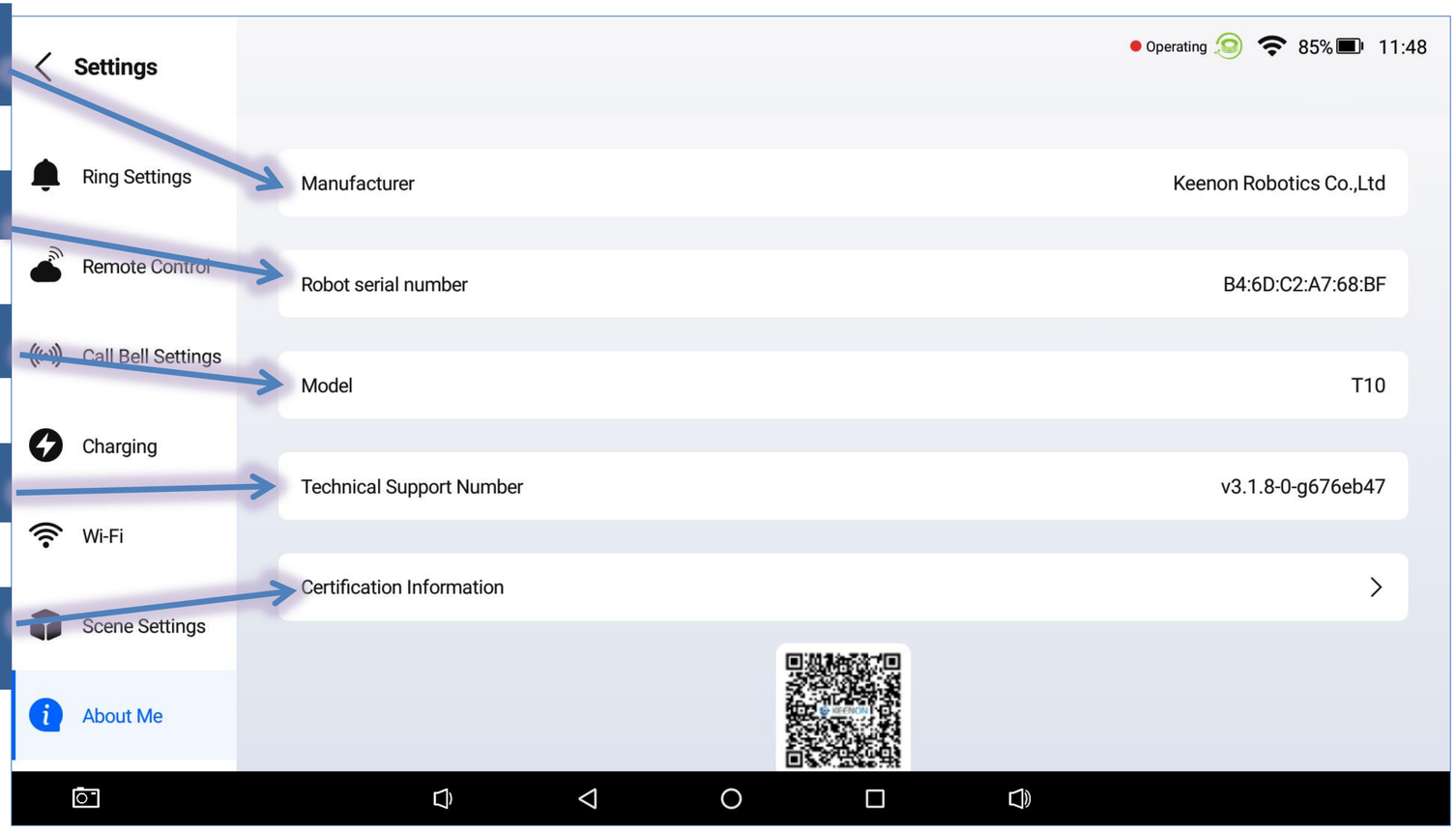
① Manufacturer: Company name

② Serial number: robot number

③ Model: Robot model

④ Remote Assistant: Remotely connect software version number

⑤ Certification information: international certification information



PART 7

Super Admin

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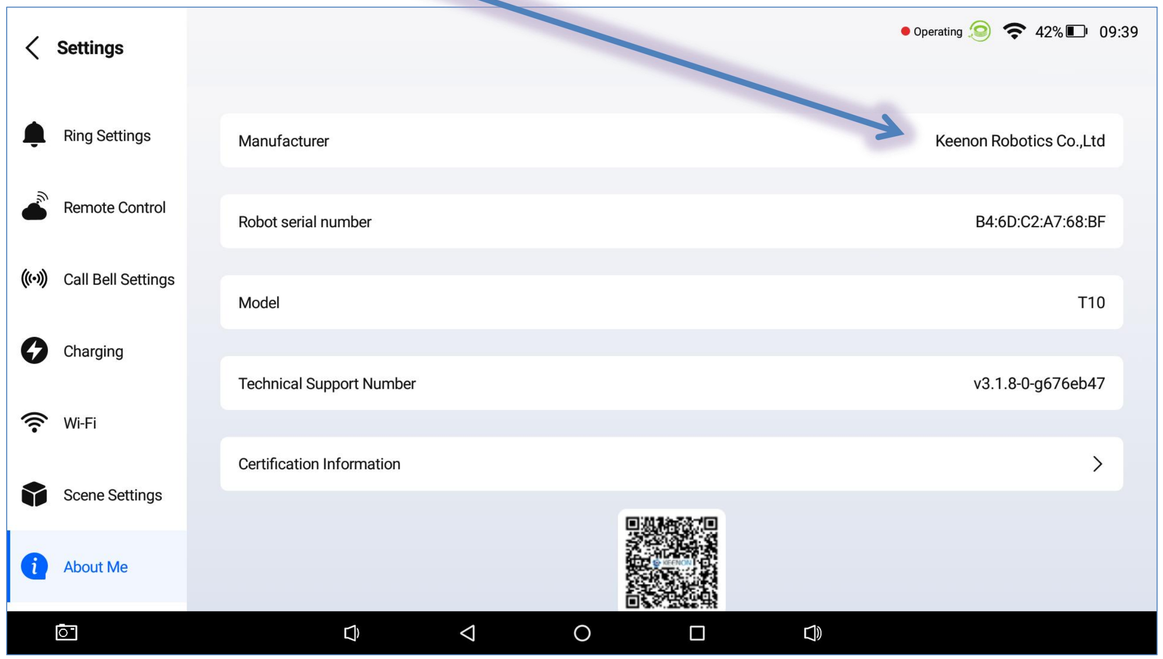
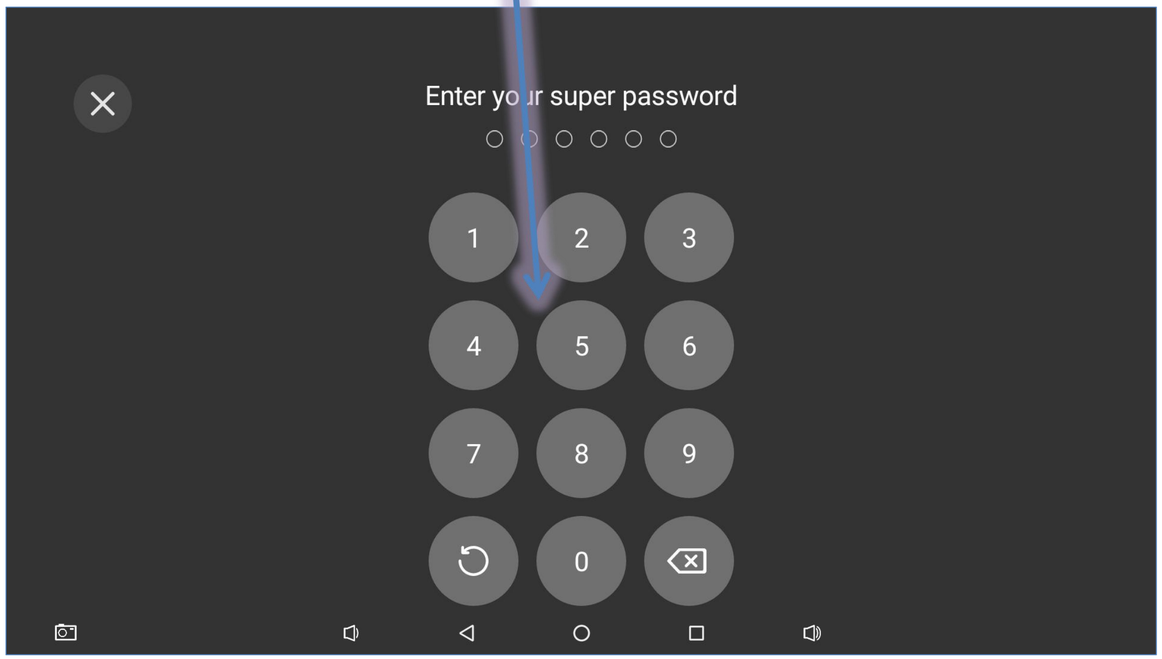
Super Admin--Enter Super Admin

① Get to about me and click on the manufacturer



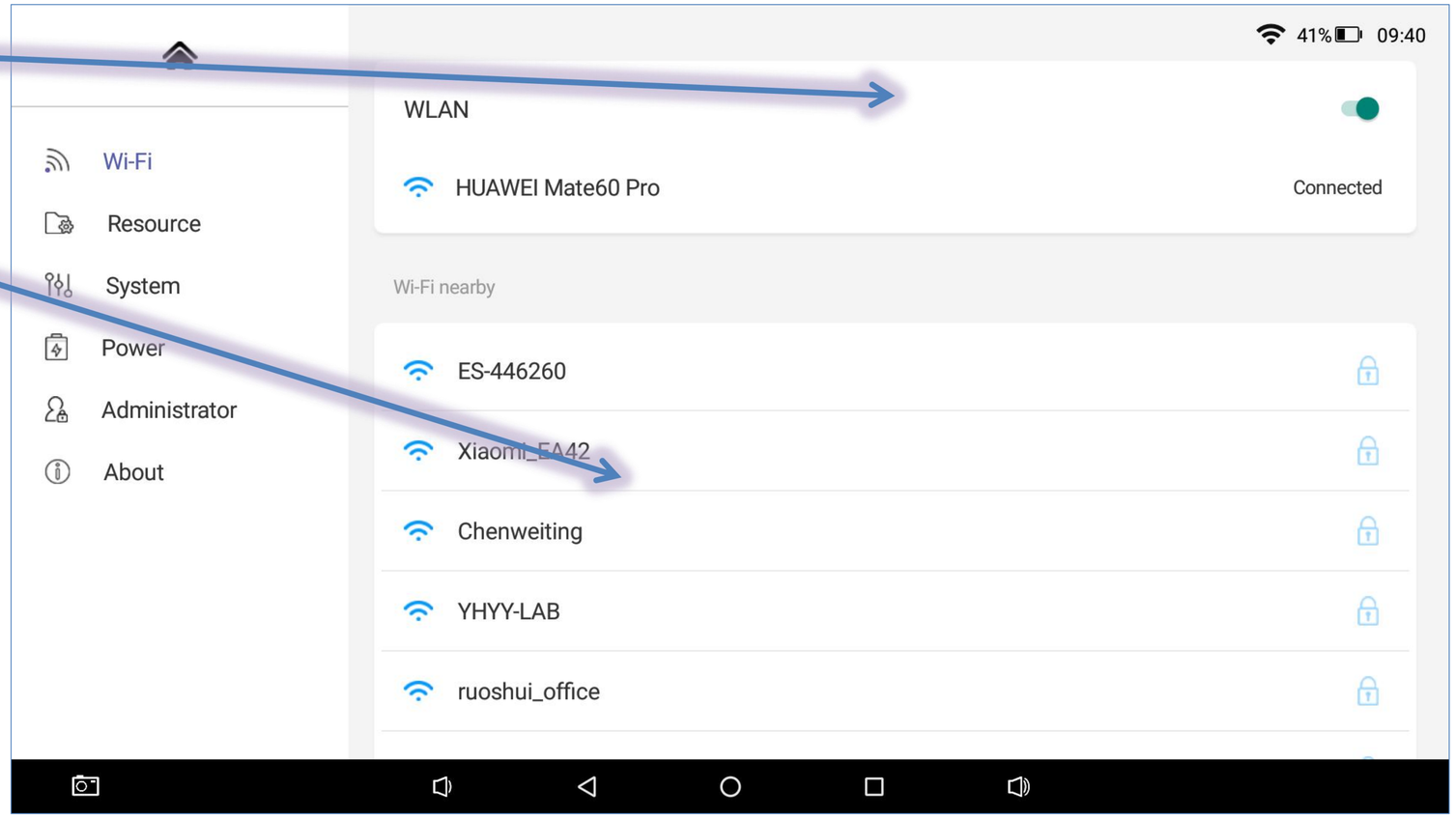
② Pop up the password, enter the password 870051, enter super admin



Super Admin--Wi-Fi

① WLAN: switch on/off

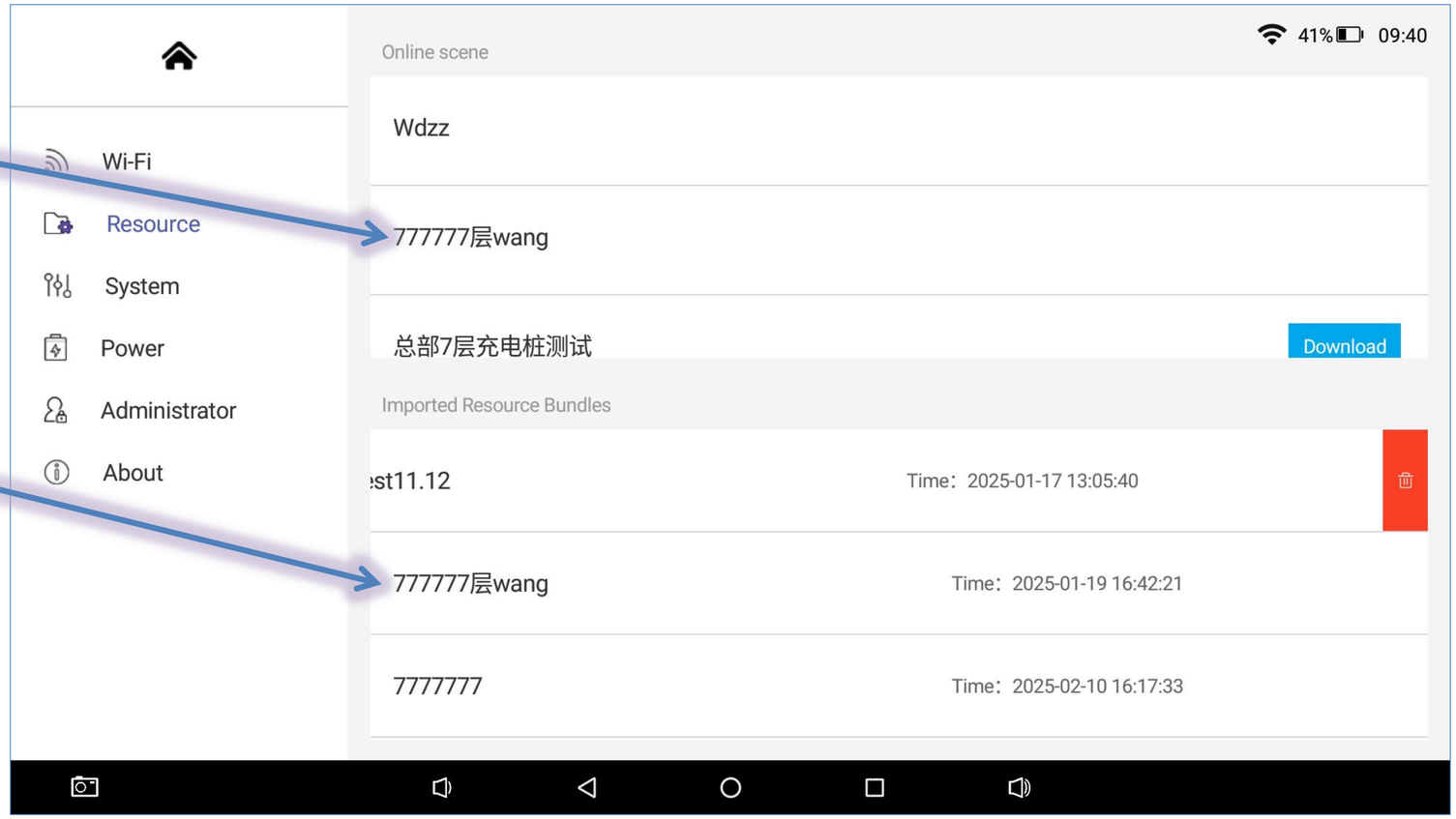
① Nearby Wi-Fi: List of Wi-Fi



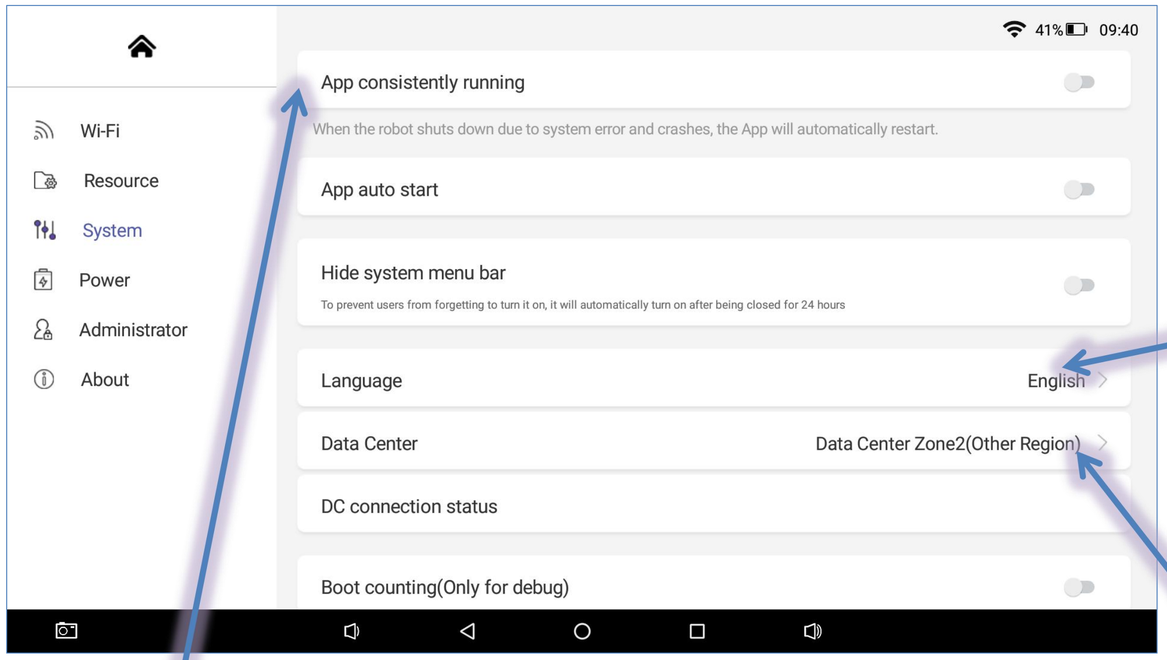
Super Admin--Resource Management

① Online scene: All resource packages of cloud machine and store are displayed, which can be downloaded by clicking

② Local resources: display local resource packages.



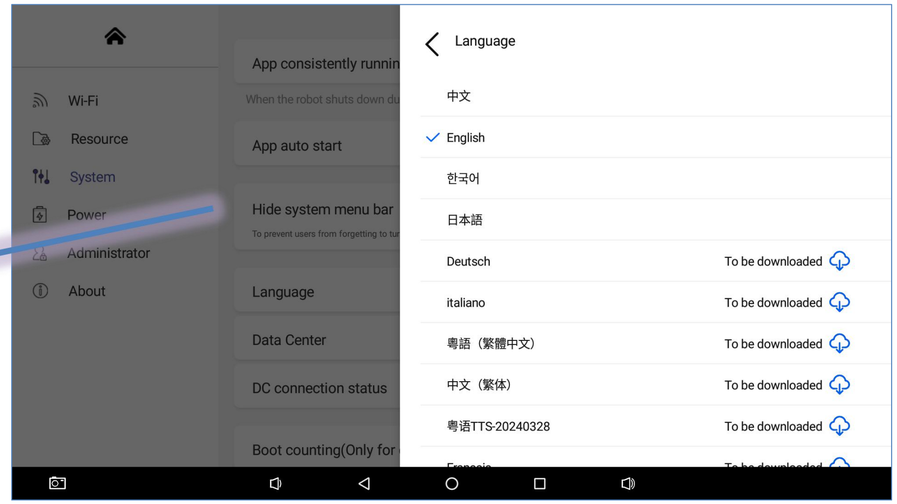
Super Admin---System Settings



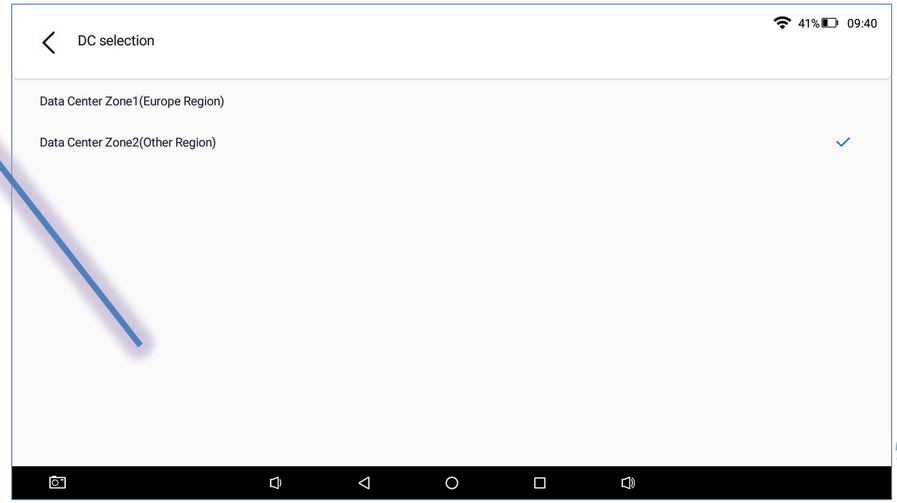
1. APP consistently running: switch on/off
2. APP self-start: automatically open the business APP after startup
3. System menu bar hidden: To prevent users from forgetting to turn it on after being closed for 24 hours.

Data center connection: Connection status

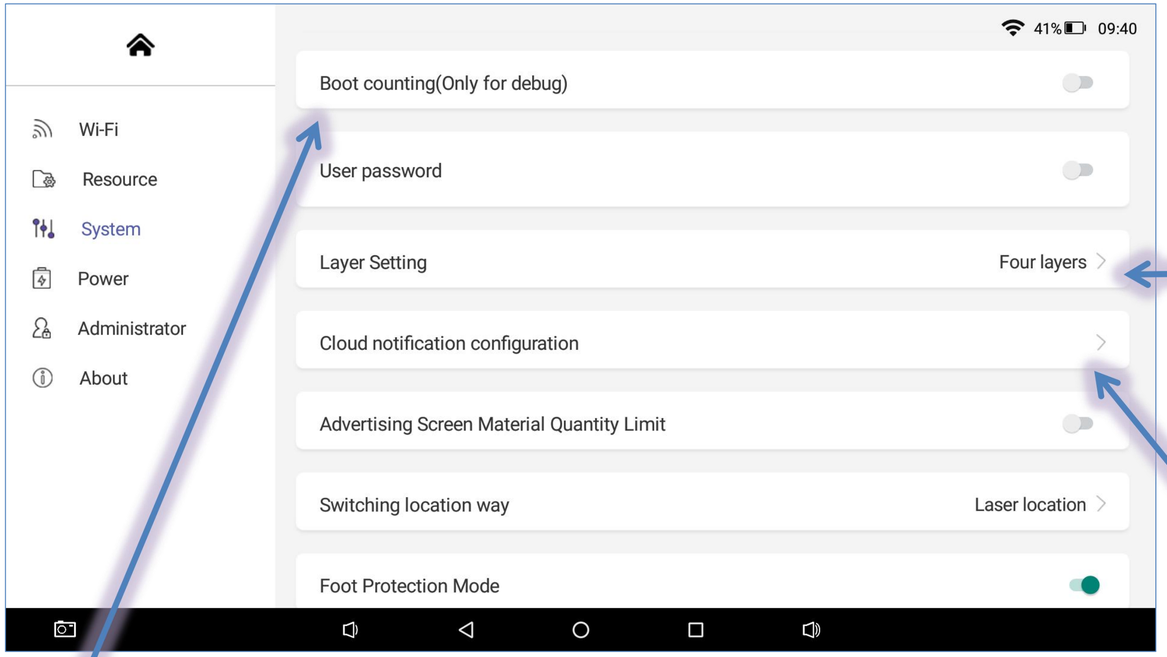
② Language: Select the language displyed on APP



③ Data center: choose European service or Japanese service

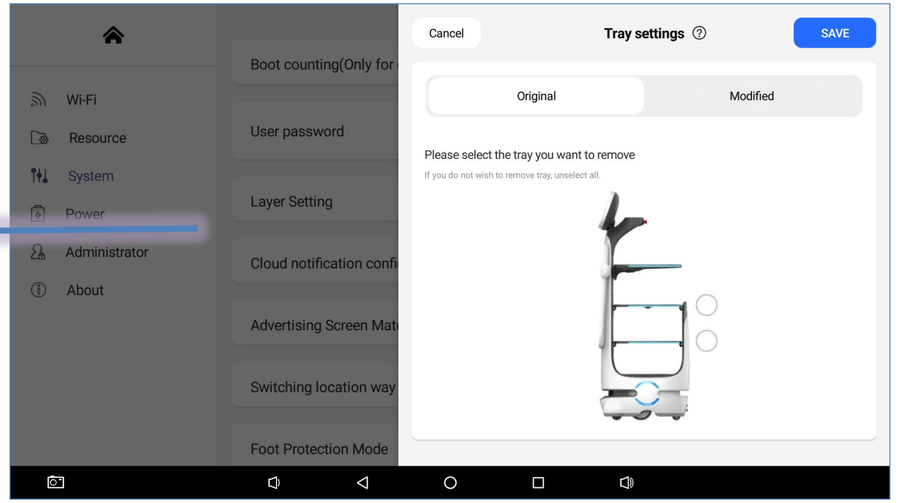


Super Admin---System Settings

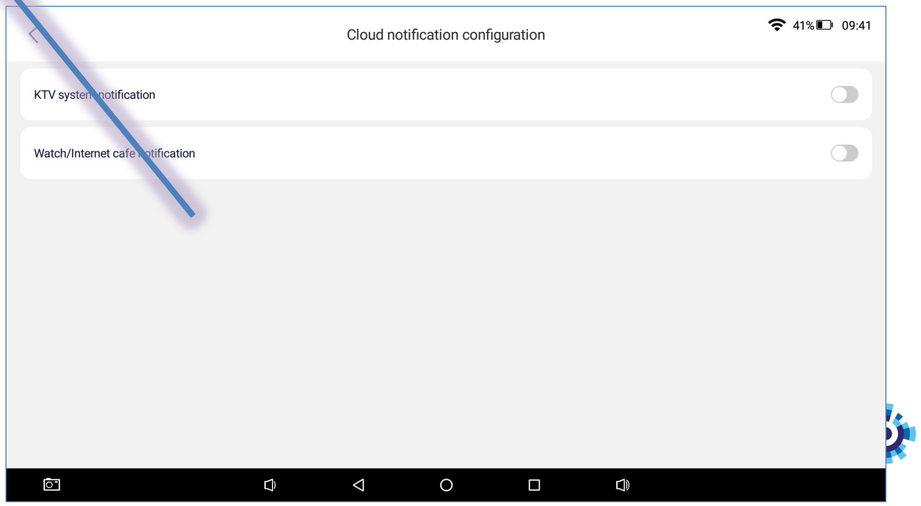


① Display the number of times the APP has been used: if enbaled, APP crashes and restarts times will be displayed in the lower right corner
General user password: if enabled, you need to enter password to enter settings interface.

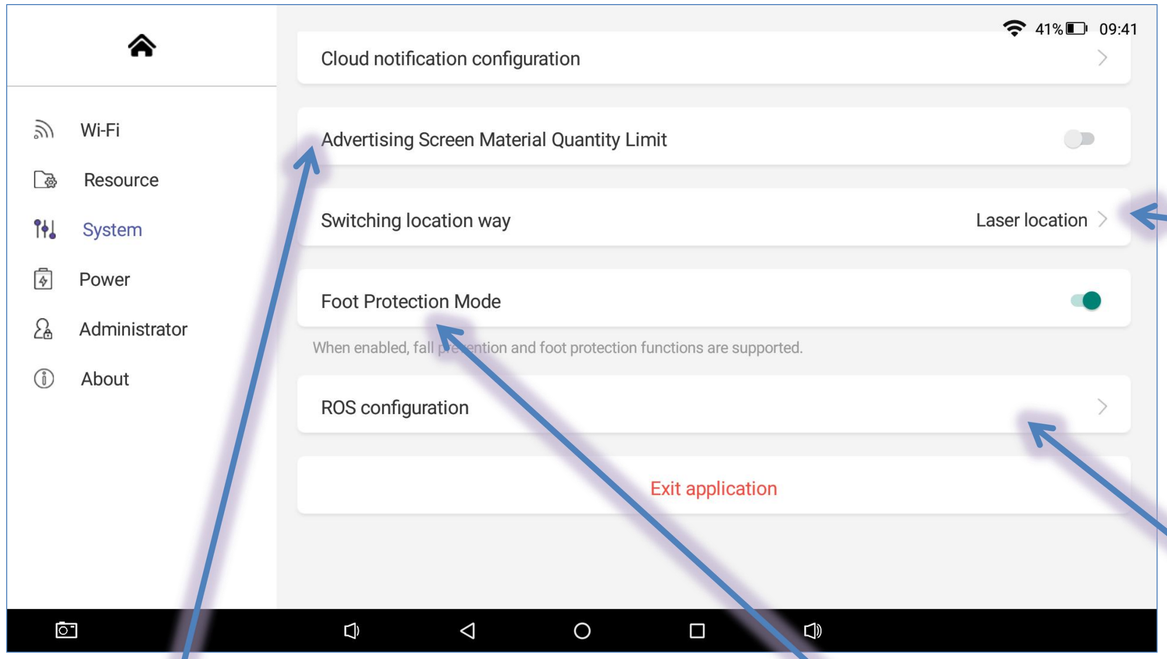
② Setting of meal layer: select the delivery mode



③ Cloud notification configuration: switch button of KTV and watch/internet cafe



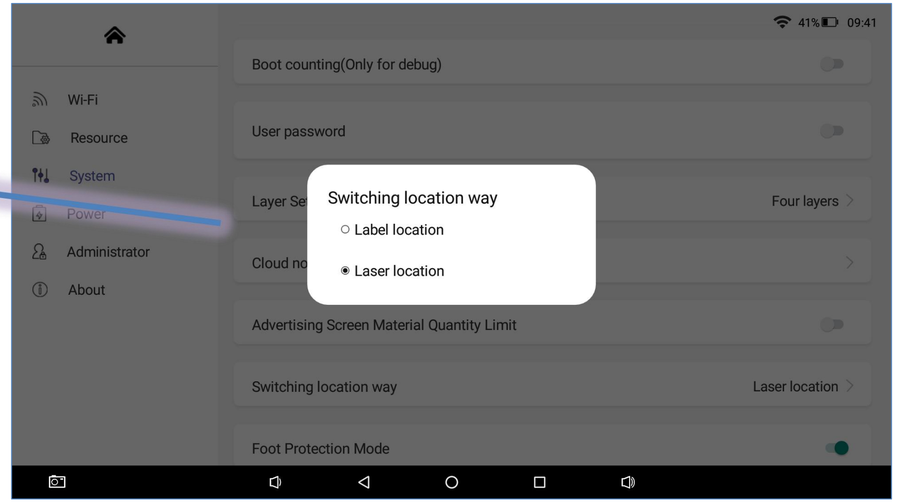
Super Admin--System Settings



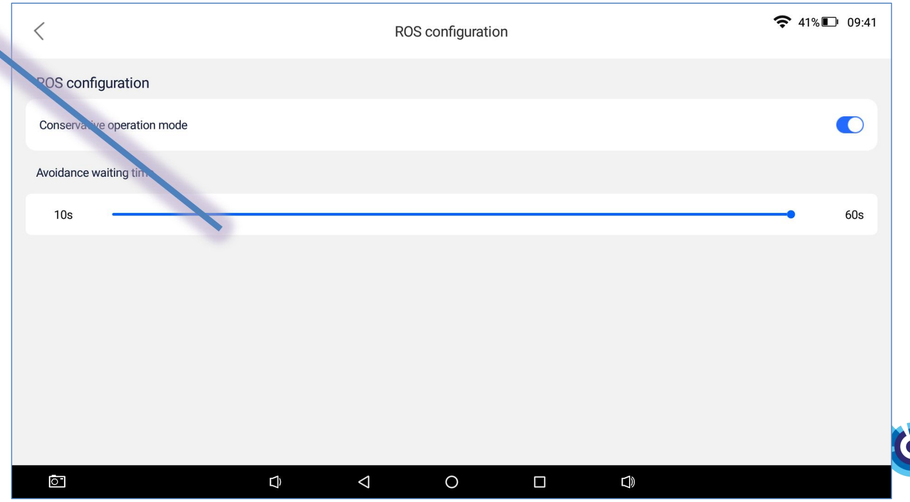
① ① Limit on the number of advertising screen materials: Restricts the maximum number of materials that can be displayed in the advertising screen settings in the APP.

③ ③ Anti-trip and Anti-foot Crushing Function: When enabled, it supports anti-trip and anti-foot crushing functions.

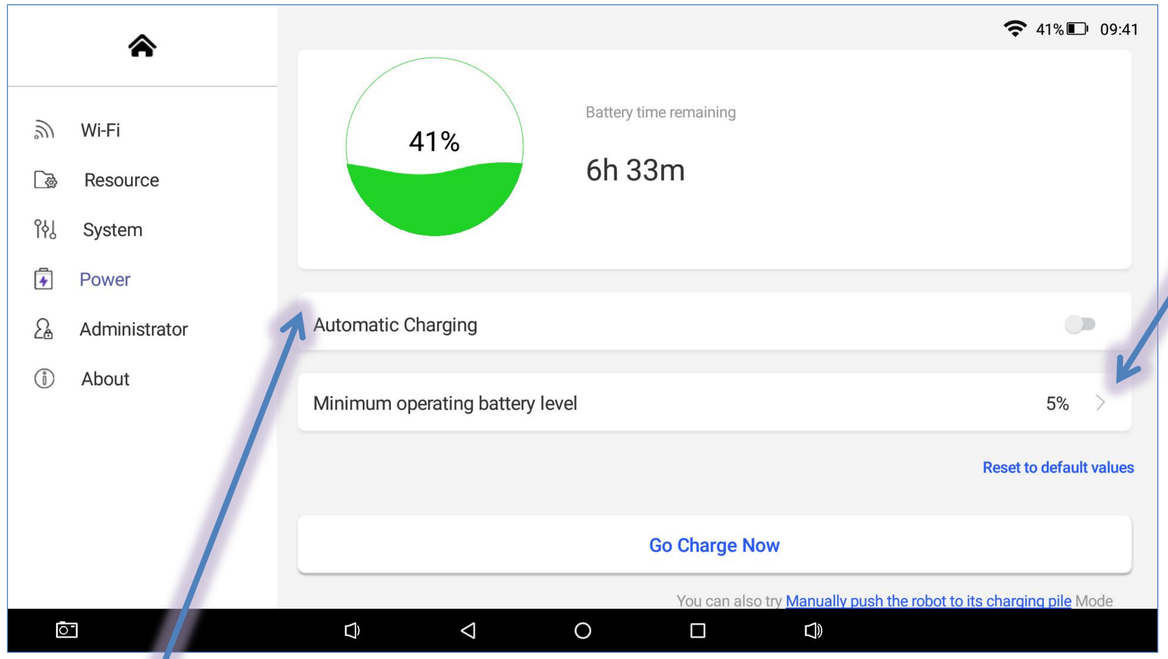
② Positioning method: Select the positioning method



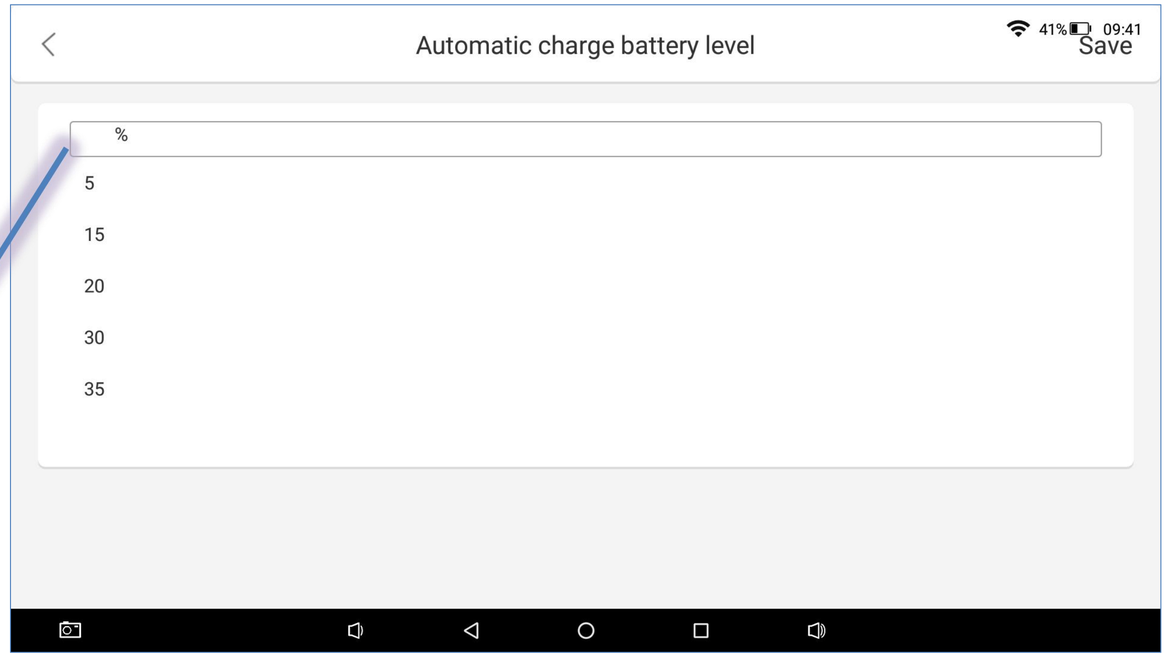
④ ROS system configuration: motion mode setting and avoidance waiting time



Super Admin--Power Management



① Automatic Charging: When enabled, you can configure the automatic charging parameters.



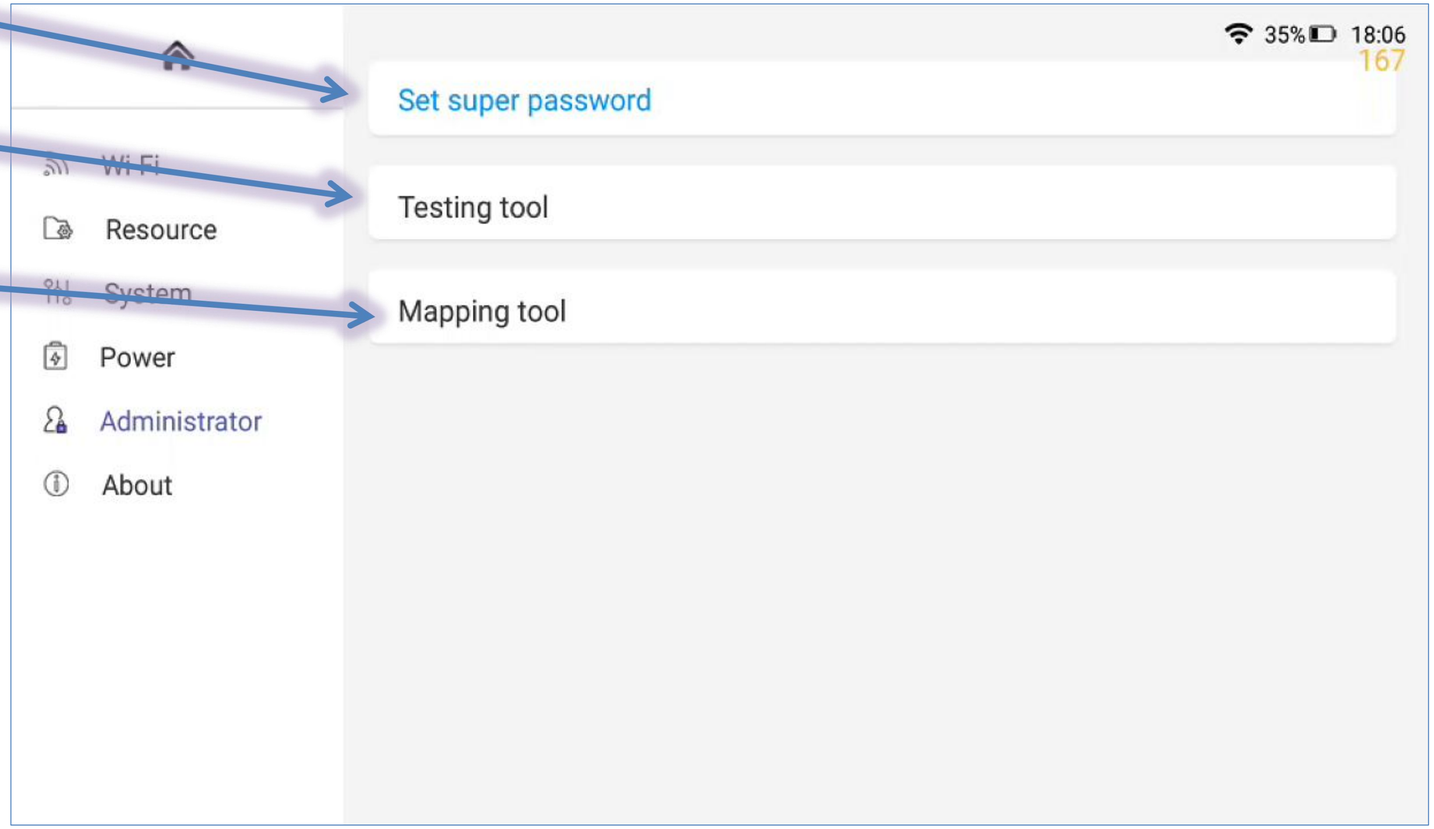
② ② Minimum Operating Battery Level: When the machine reaches the minimum operating battery level, it will cancel the task and head directly to the charging dock to charge.

Super Admin--- Administrator

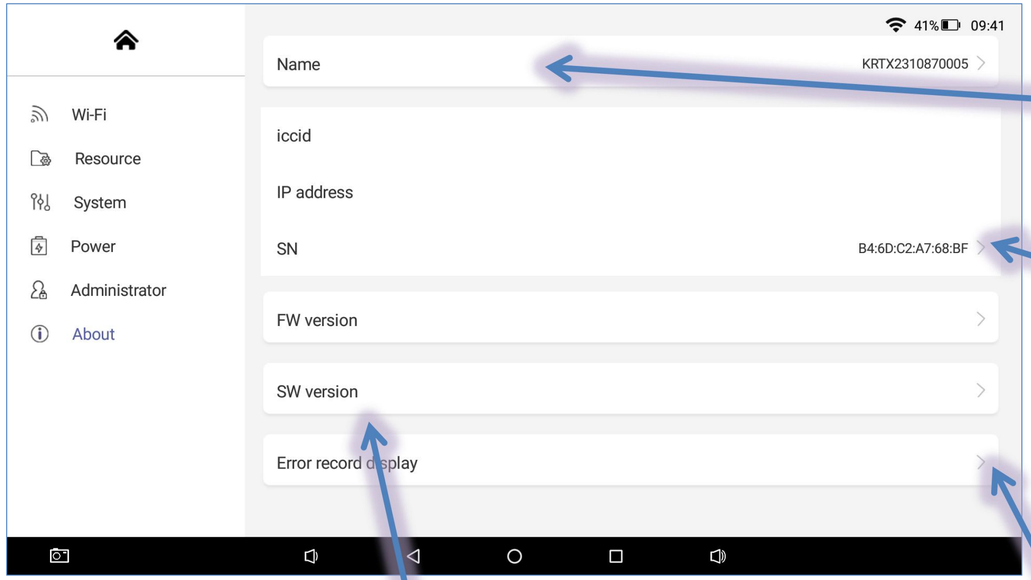
① Set super password: Modify the super password

② Test tool: Jump to the test tool interface

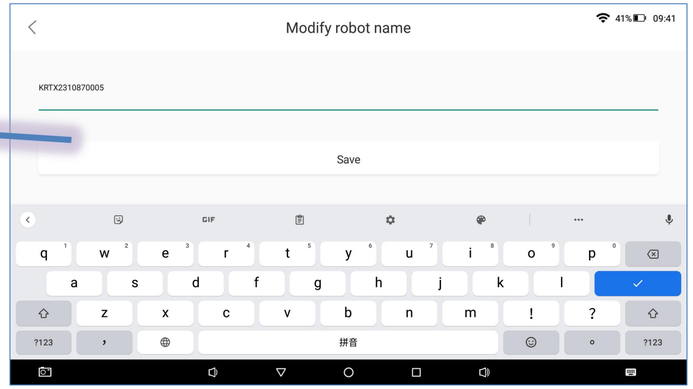
③ Mapping tool: Jump to the mapping tool interface



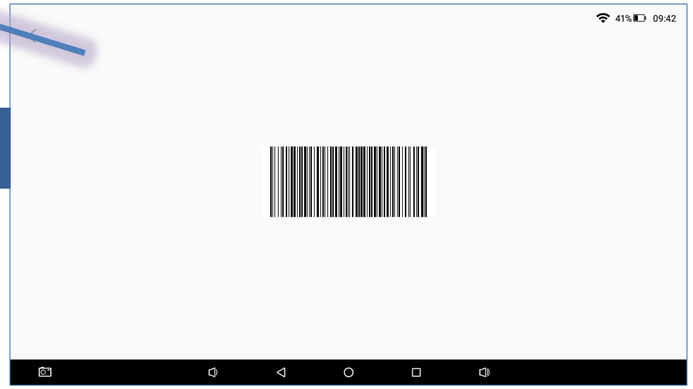
Super Admin--About



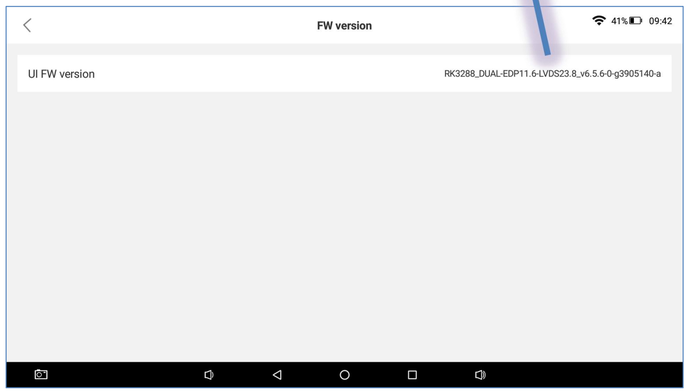
① Name: default machine production number



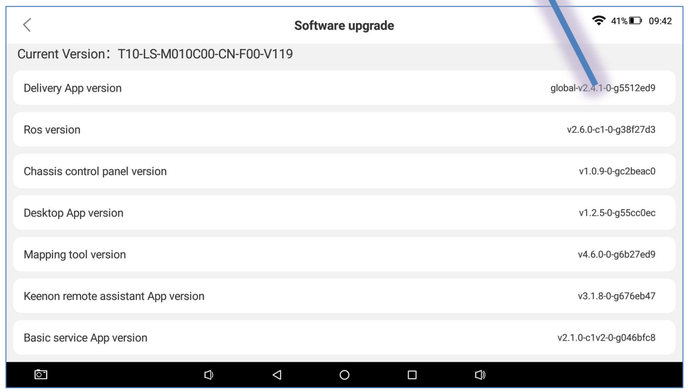
② Serial number: machine number and QR code



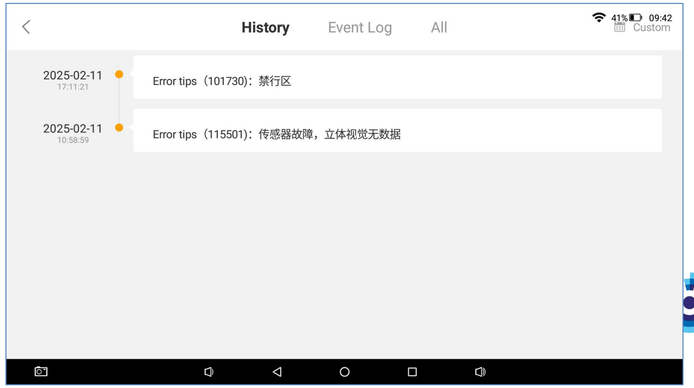
③ Version firmware: displays the Android firmware version number



③ Application software version: display all software versions of the robot



② Serial number: machine number and QR code



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PART 8

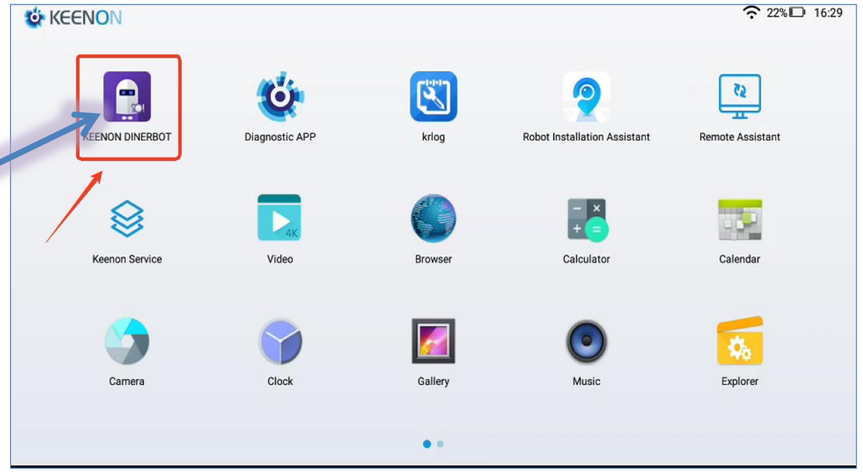
New Functions of T10

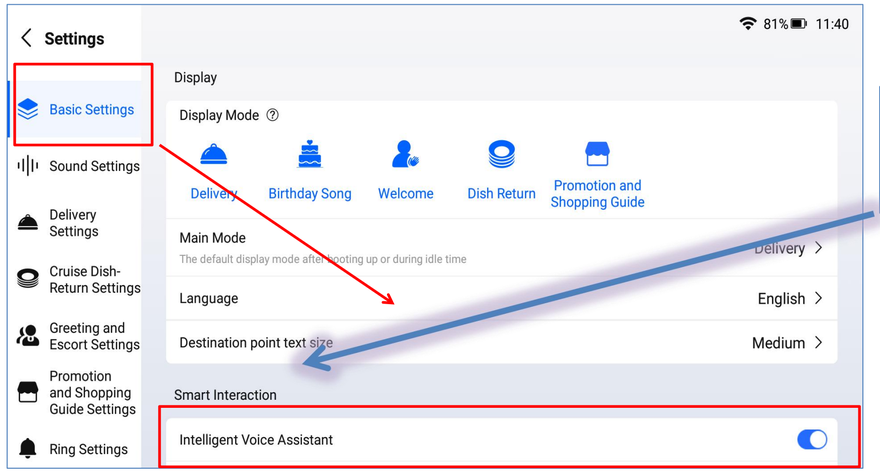
Voice Interaction via ChatGPT

You can quickly locate the target points by interacting with GPT, also, the robot can guide you to the position you want to head toward.

Operations:

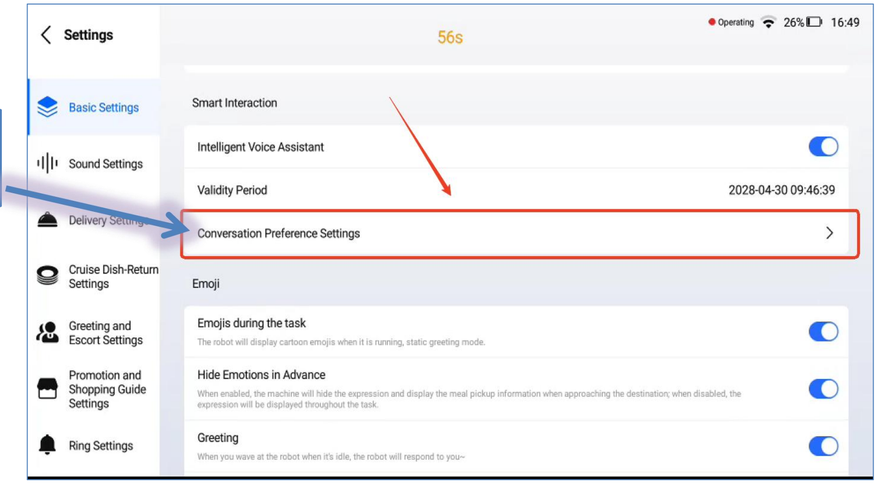
1. Open the food delivery app.

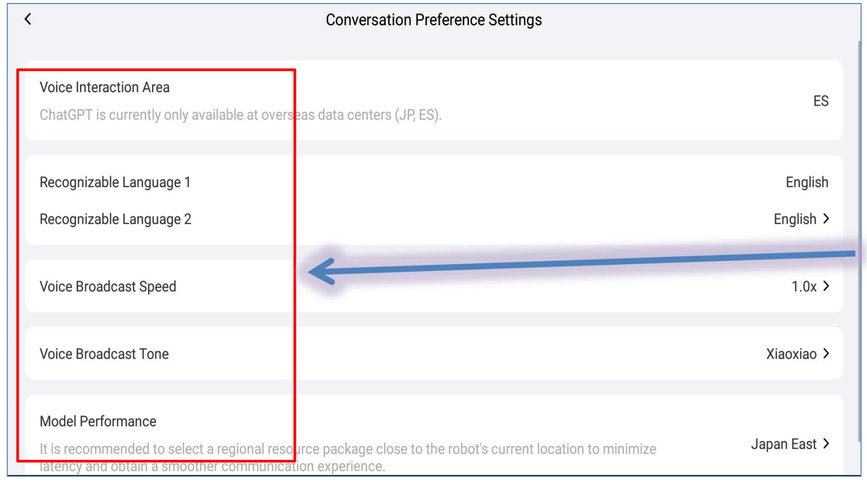




2. Open the basic settings and then click the smart interaction button.

3. Click the conversation preferences button.





4. Set the required parameters according to the interface prompts.

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Voice Interaction via ChatGPT

1. Prerequisites for using ChatGPT to navigate to a destination:

If you want GPT to guide you to a destination, you need to import the target location in advance as follows:

2. Methods for importing the directory structure:
a. Step 1: Prepare a USB drive and place the directory structure file (named: **market_category.txt**) on it.
b. Step 2**: Open the robot system files, navigate to **InternalMemory** > **peanut**, and create a new folder named **gpt**. Then, paste the file from Step 1 into this folder.
c. The directory structure is usually customized according to the actual customer needs (refer to the figure below):

Meat:
Chilled Meat:
- Chilled Pork
Fresh Meat:
- Fresh Pork
- Fresh Beef
- Fresh Offal
Poultry:
- Fresh Chicken
- Fresh Duck
- Poultry Attachments and Frozen Products
Meat Raw Materials:
- Pork

Seafood:
Quick-Frozen Seafood:
- Quick-Frozen Sea Fish
- Quick-Frozen Shrimp, Crab, Shellfish
Soaked and Salted Products:
- Jellyfish
- Seaweed

Fruits:

Pome Fruit:
- Apples
- Pears

Citrus Fruit:
- Oranges
- Grapefruits
- Lemons

Melon:
- Watermelons

Tropical Fruit:
- Seedless Tropical Fruit

Gift Fruit:
- Imported Gift Fruit
- Domestic Gift Fruit

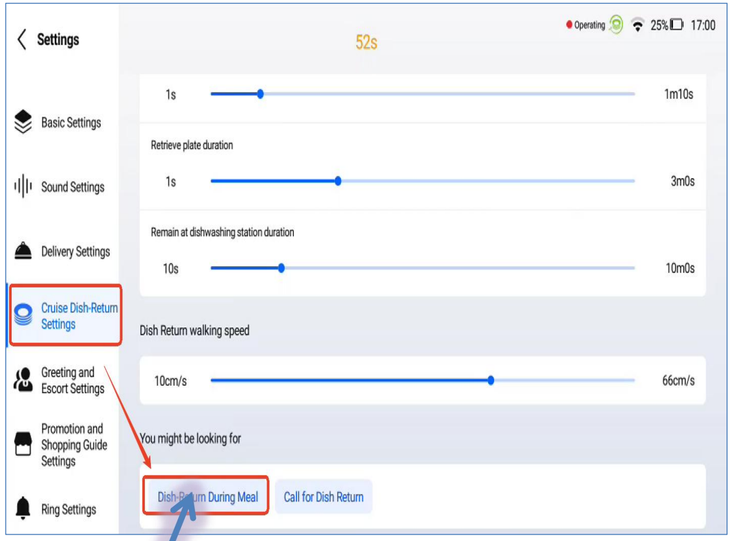
4. Video demo：

Dish-Return During Meal

Dish-return function allows the robot to deliver meals and collect used trays simultaneously.

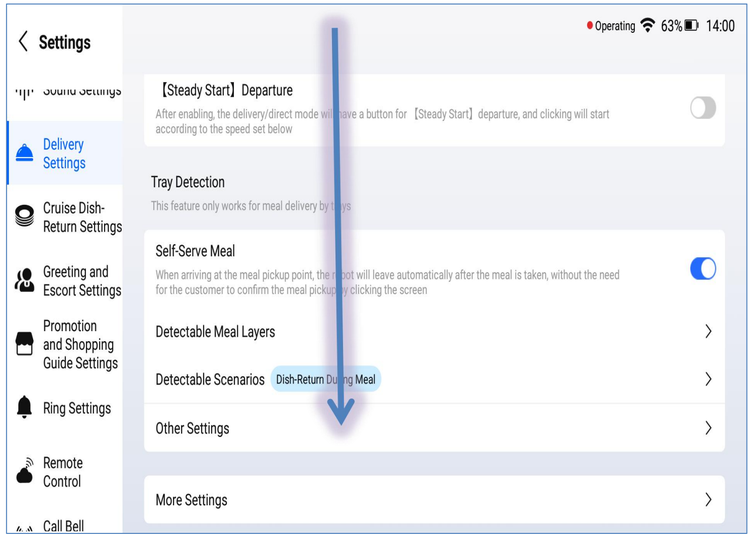
Prerequisites for enabling dish- return function: Set the dishwashing area point (same as the origin point).

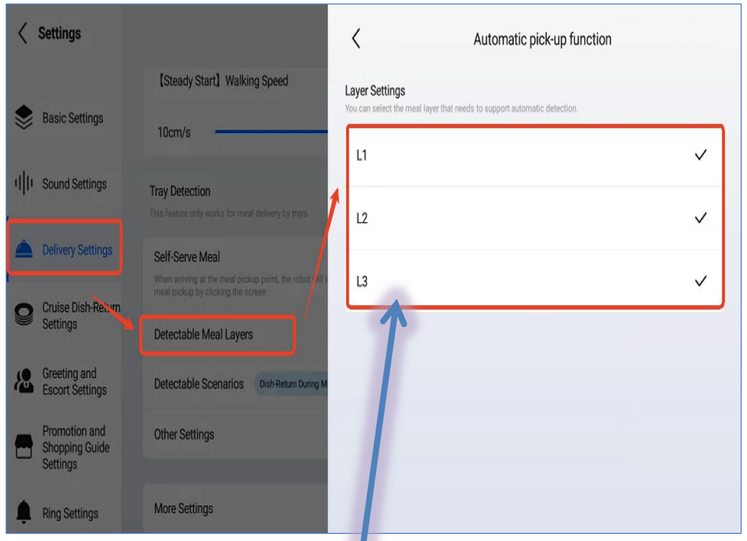
Operations：



1. Click on **Cruise Dish- Return Settings**, and then click on **Dish- Return During Meal ** (in blue text).

2. Scroll down the interface and click the automatic pick-up button.

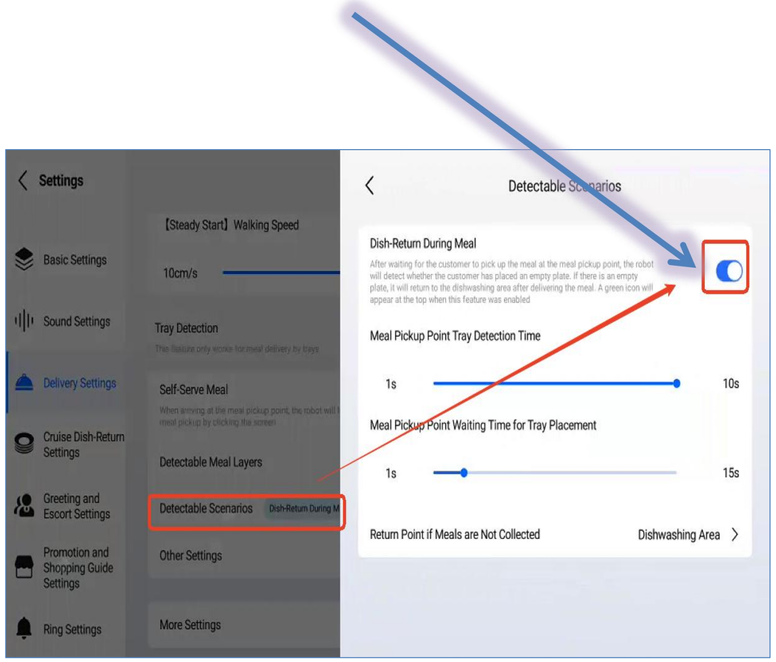


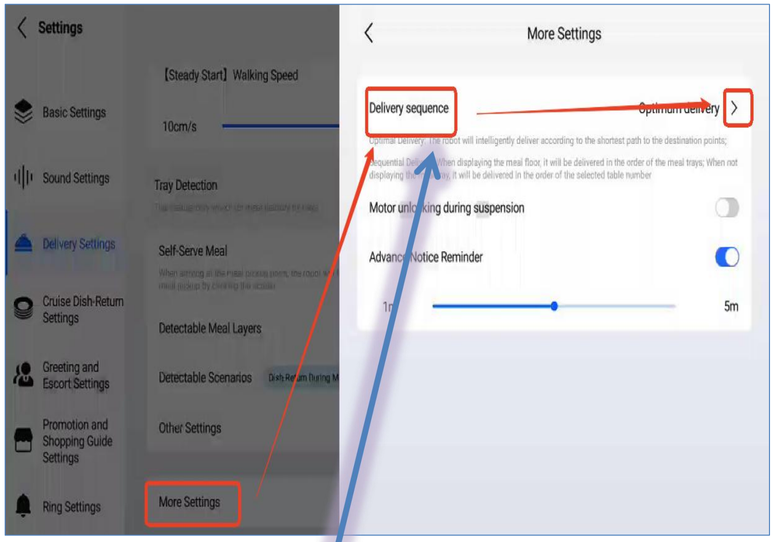


3. Click on the detectable meal layer and select the layer want to detect.

Dish-Return During Meal

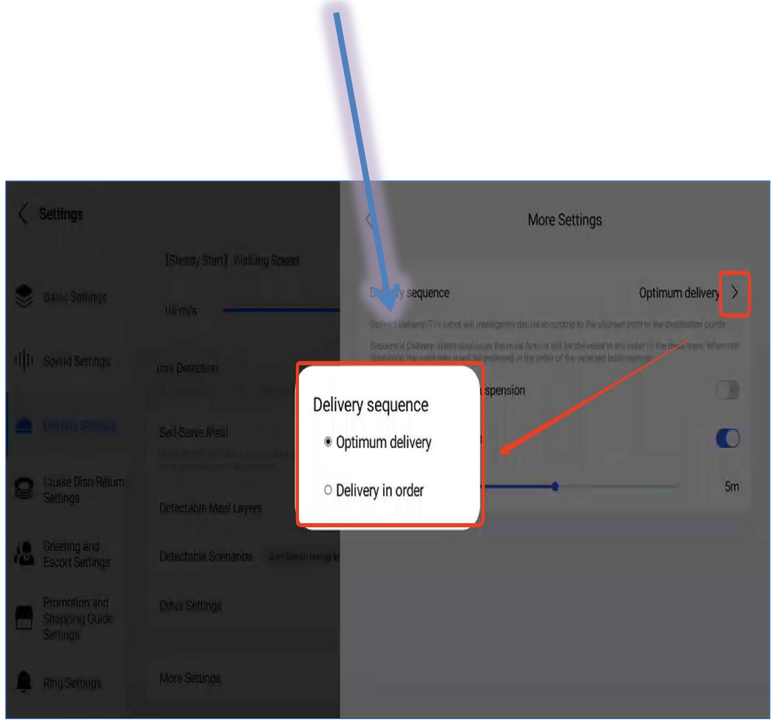
1. Click the detectable scenarios, open the dish- return button, and you can also set the time for detecting the plates at the pick-up point and the waiting time for placing the plates.





2. Open more settings and click on the delivery sequence.

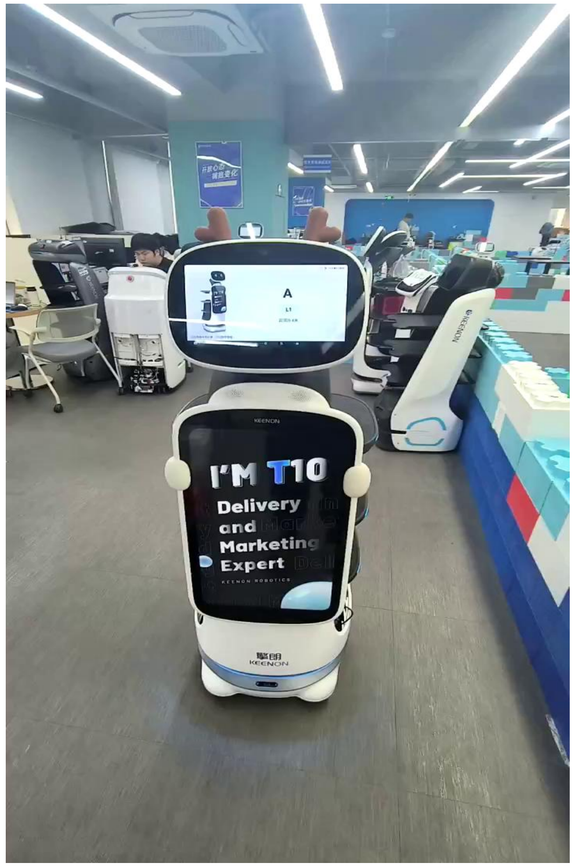
3. Click the delivery sequence button, you can select deliver meals by the optimal route or in sequential order.



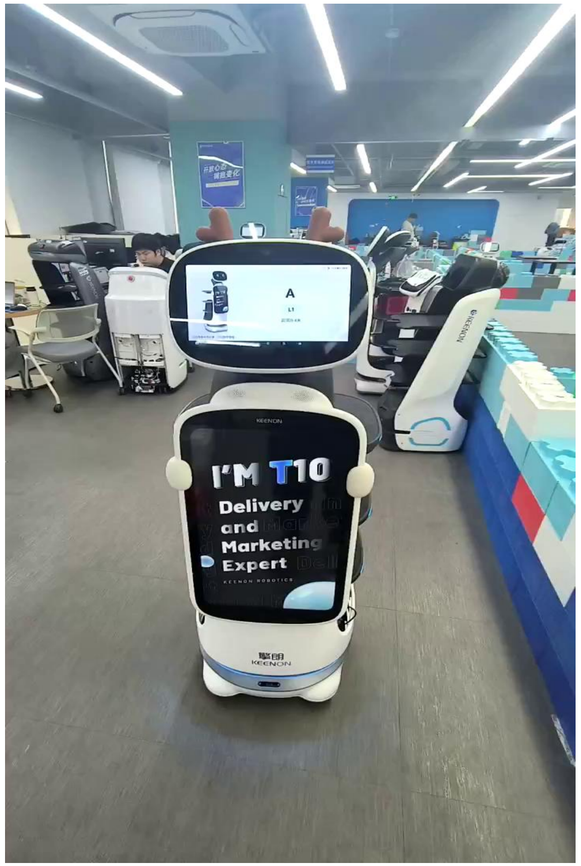
Dish-Return During Meal

Video demo：

1.



2.

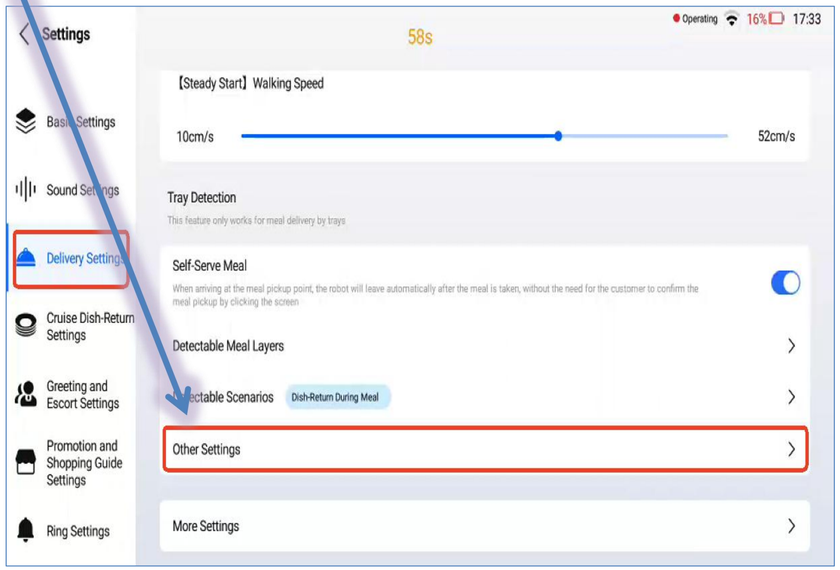


Receipt Recognition

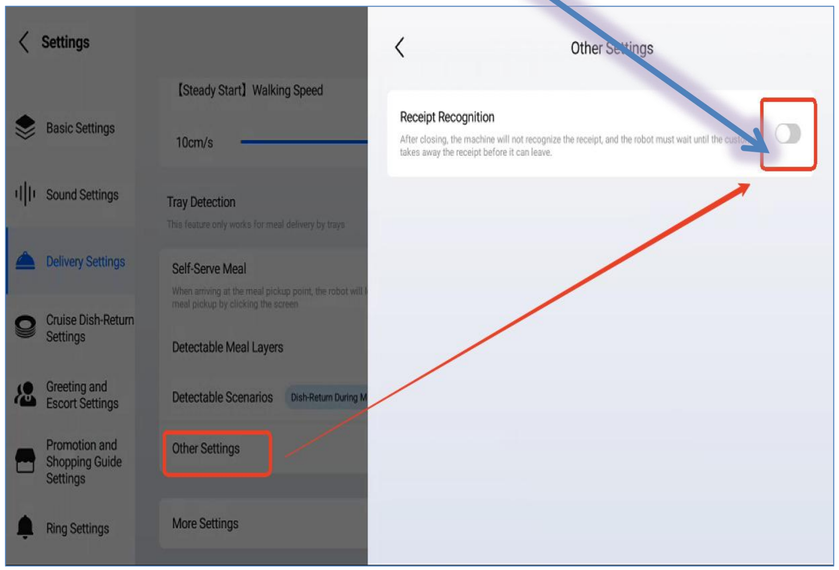
If enabled, the robot will continue its task even if the receipt remains. However, if disabled, the robot will not be able to proceed with its task until the customer takes the receipt.

Operations:

1. Click the food delivery settings button to open other settings.



2. Click on the other settings, the receipt recognition button will be displayed. Swtich the button on to enable this function.



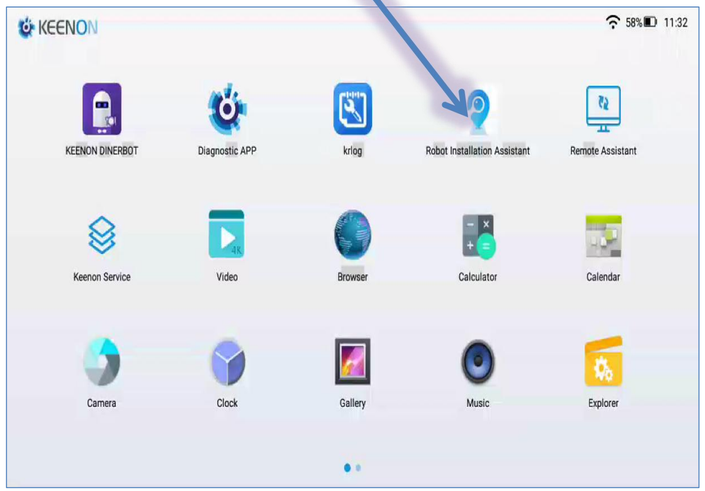
Regional Voice Configuration

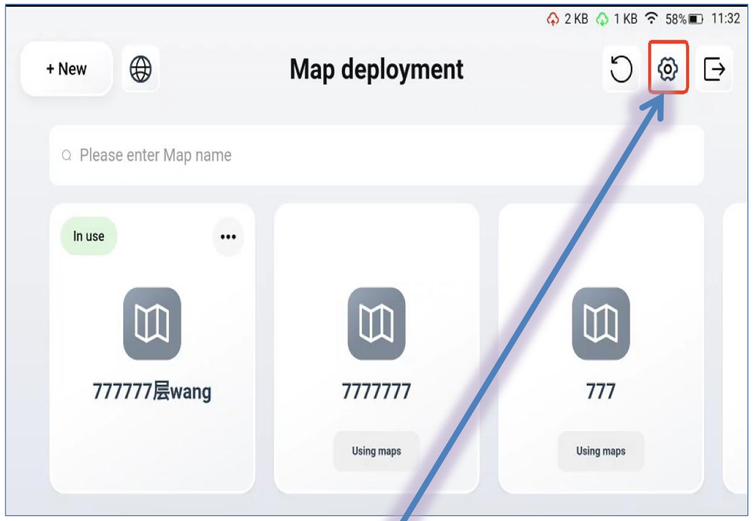
On narrow or congested the road, the machine will play audio to remind customers to move out of the way.

Prerequisites for configuring voice: Divide the map into serveral areas in advance.

Operations：

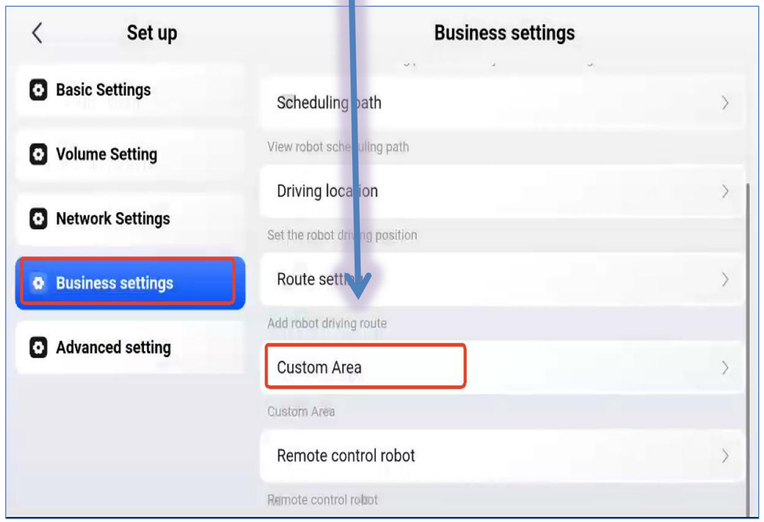
1. Open the mapping app.





2. Click the settings button.

3. Click on **Business Settings**, and then click on **Custom Areas**.



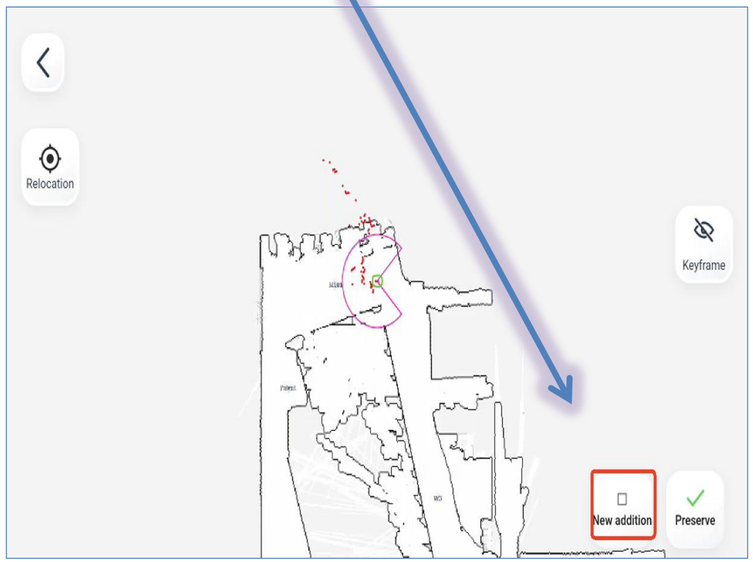
Regional Voice Configuration

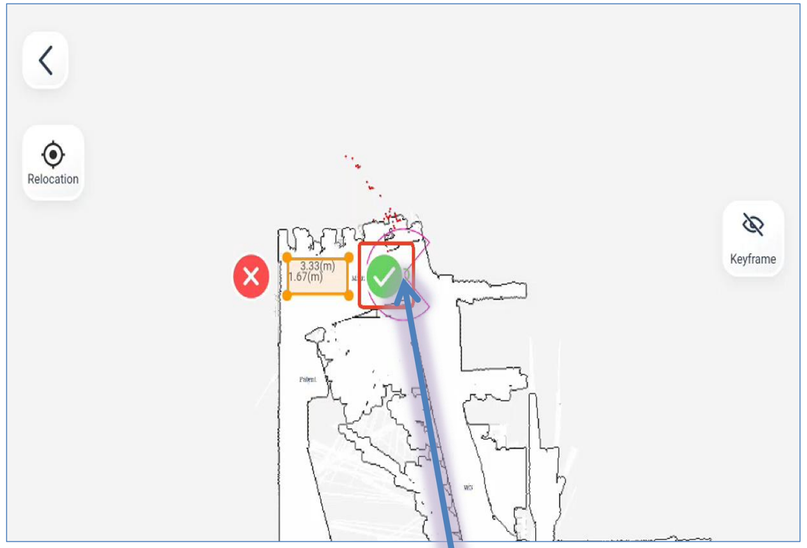
On narrow or congested the road, the machine will play audio to remind customers to move out of the way.

Prerequisites for configuring voice: Divide the map into serveral areas in advance.

Operations：

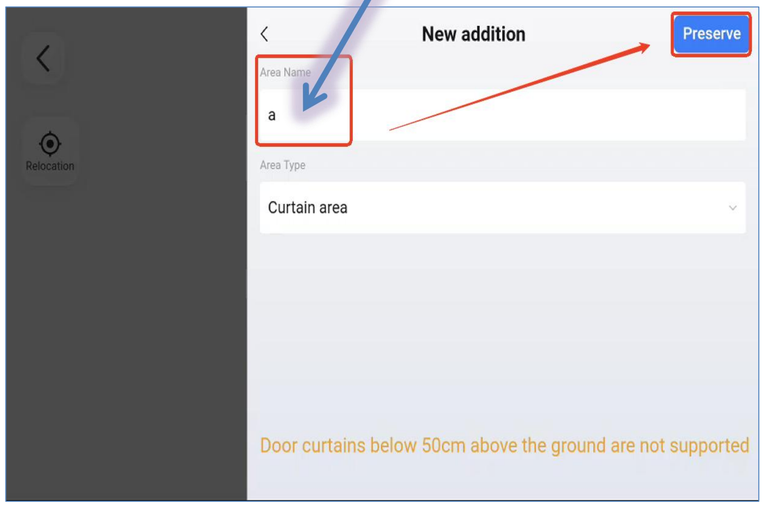
1. Click the "Add" button.





2. After clicking "Add," a red frame will pop up. Move the red frame to enclose the area you want to divide, and then click the "√" to confirm the operation.

3. After clicking the "√", an editing list will pop up where you can name for the area. Then click "Save".



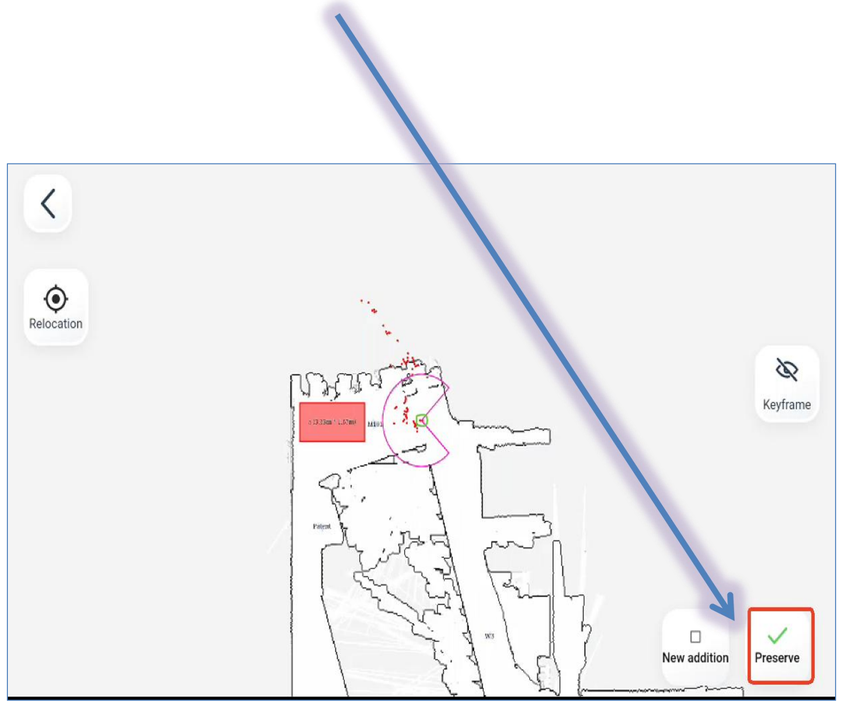
Regional Voice Configuration

On narrow or congested the road, the machine will play audio to remind customers to move out of the way.

Prerequisites for configuring voice: Divide the map into serveral areas in advance.

Operations：

1. After the area settings are completed, click the save button.



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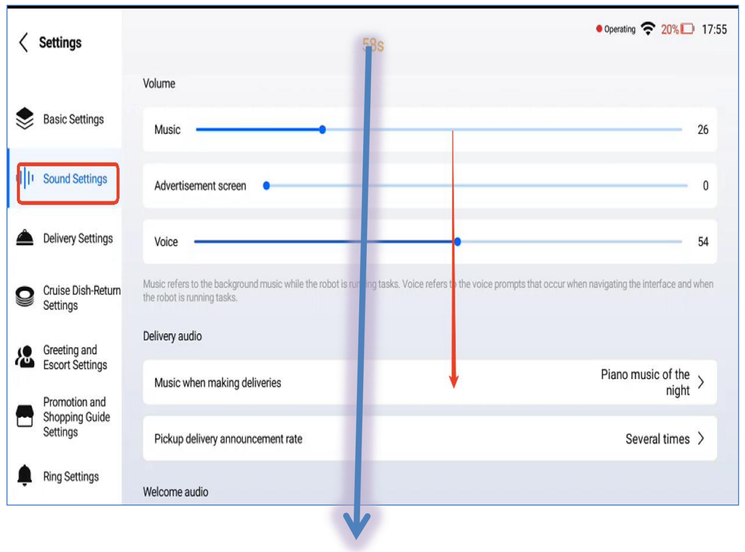
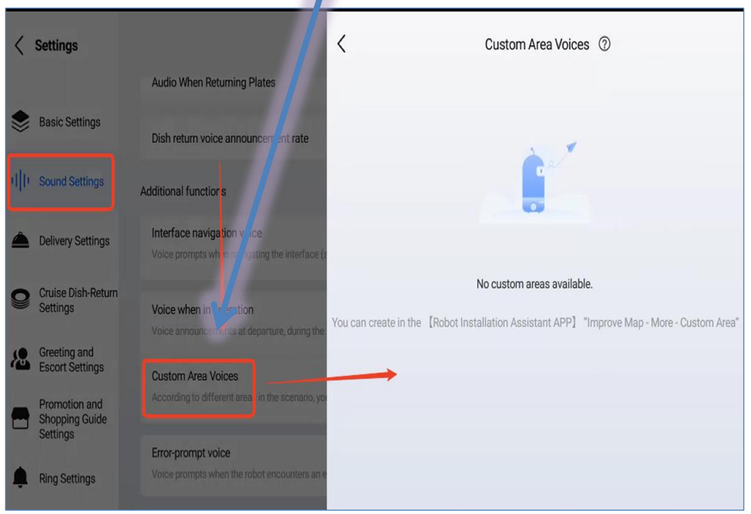
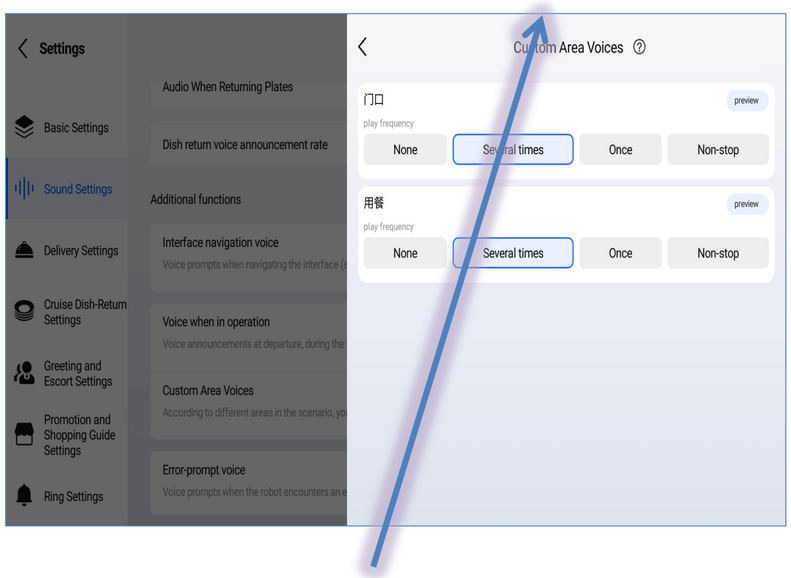


1. Open the sound settings button and scroll down the interface.

2. If the areas are not divided in advance, opening the custom area button will prompt you with a message (as shown in the figure) that you need to divide the areas first.



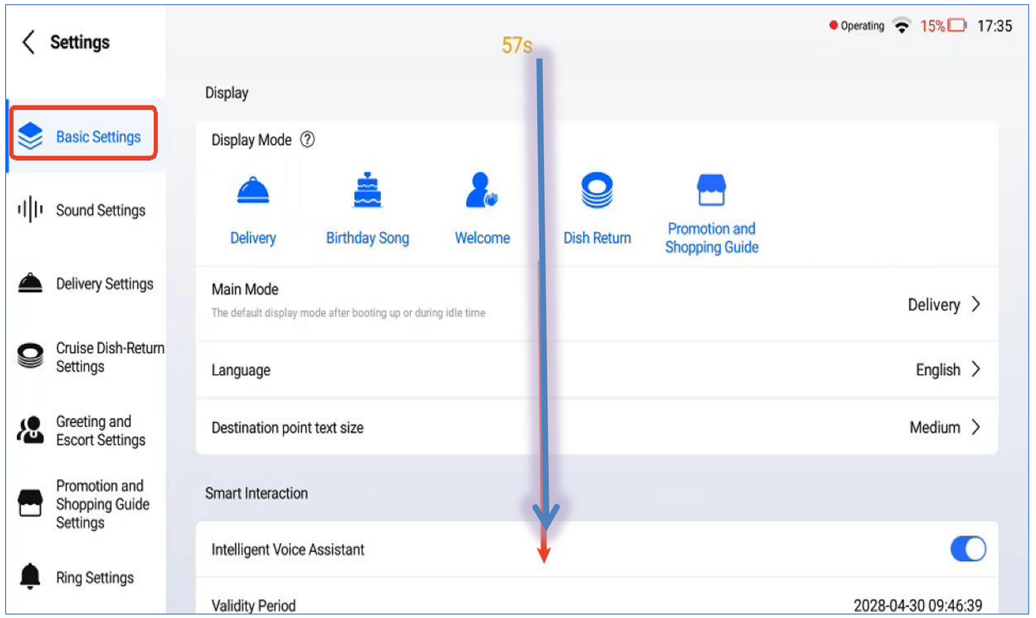


3. If the areas have been divided in advance, clicking the custom area button will display the voice parameter settings list, where you can set the parameters as needed.

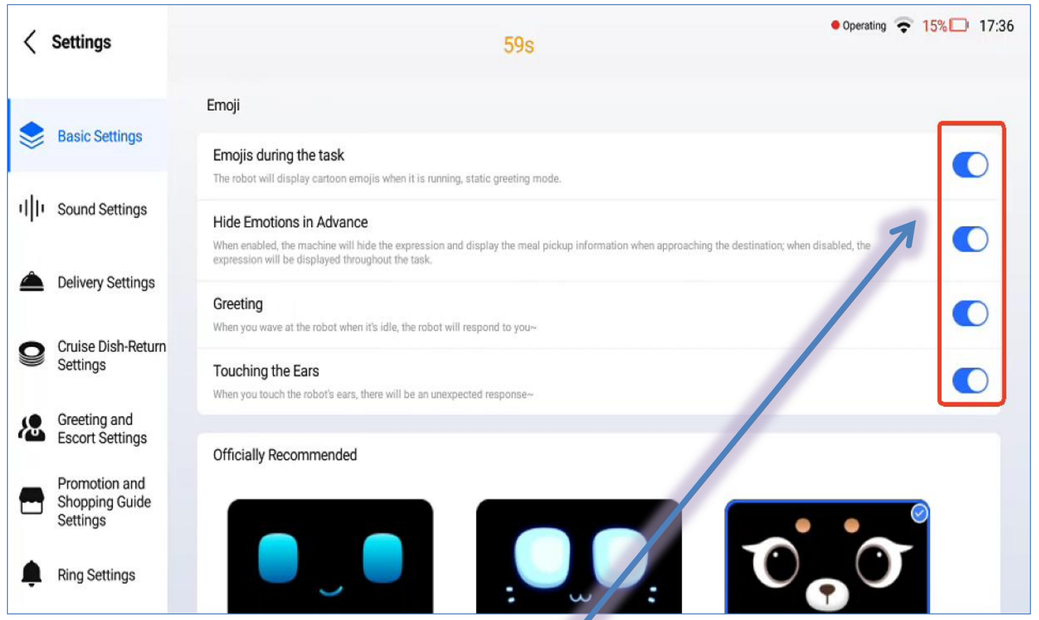
Emoji Shifting

Customers can switch the screen emojis as needed.

Operations:



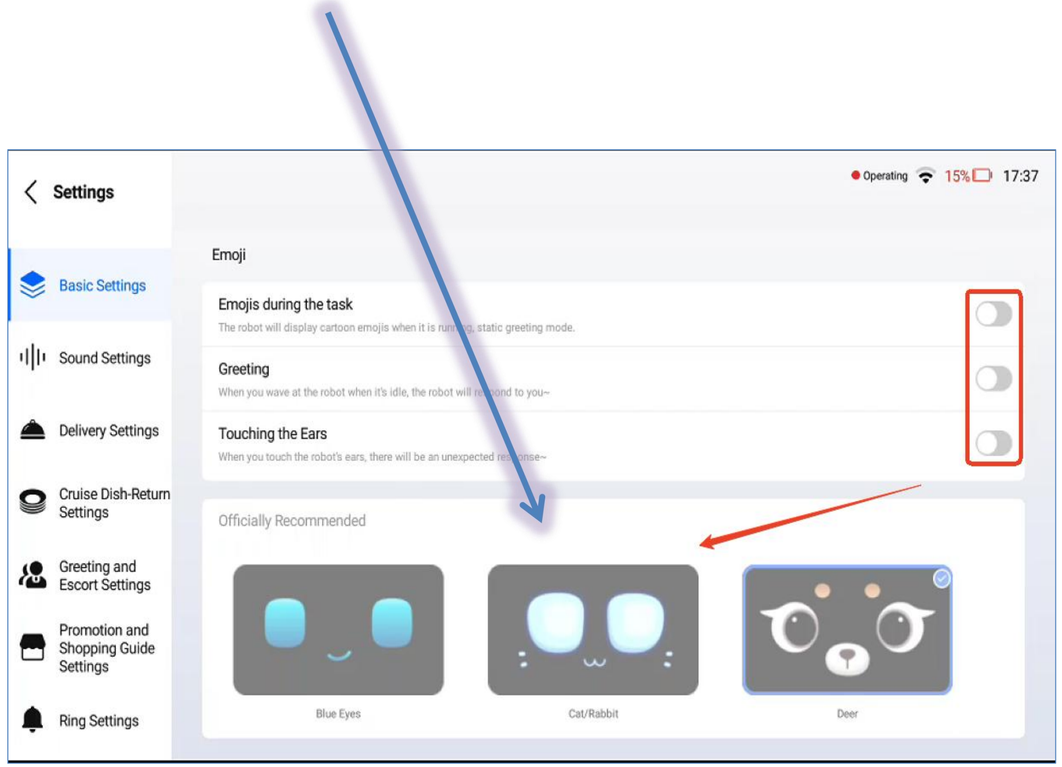
1. Open the basic settings and scroll down the interface.

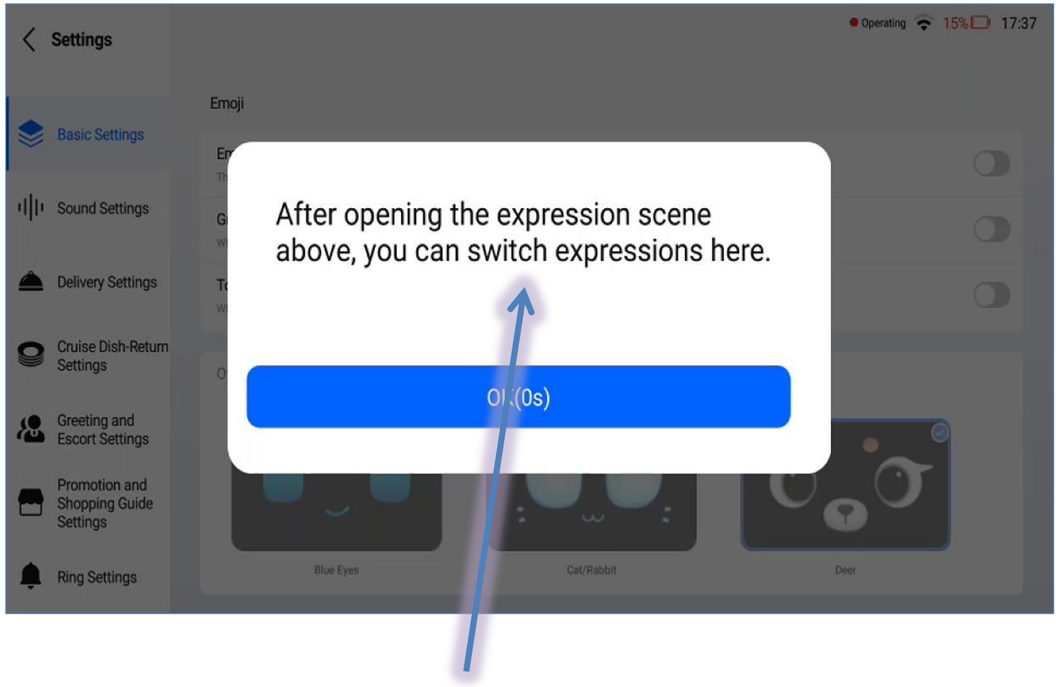


2. Turn on all the emoji buttons, and you can select emojis for different scenarios.

Emoji Shifting

1. If the emoji button is turned off, this page will be grayed out.





2. If you want to switch emojis after the page is grayed out, a prompt will appear and say "Please enable the emoji button before switching emojis."

Thanks for watching

擎朗
KEENON