

# Phantas V1.3 User Manual-EN

## 1. Scope of Application

This document applies to all Phatas machines with a whole machine version of V1.3 and software version AIO1.4

## 2. Update Description

**Creation Date: 2024/05/27**

Based on Whole Machine Version V1.1 and Software Version AIO1.1.

**Update Date: 2024/11/25**

Based on Whole Machine Version V1.1 and Software Version AIO1.3.

Update Summary:

Revised scheduling settings: The new "Add path" function allows for adjustment of task order sequence. The creation of schedules now includes intelligent settings.

**Update Date: 2025/01/07**

Based on Whole Machine Version V1.3 and Software Version AIO1.4.

Update Summary:

Updated rear view, left view, and right view images in the appearance introduction. Added workstation-related operations and usage instructions. Introduced new lighting control features.

## 3. Appearance Introduction

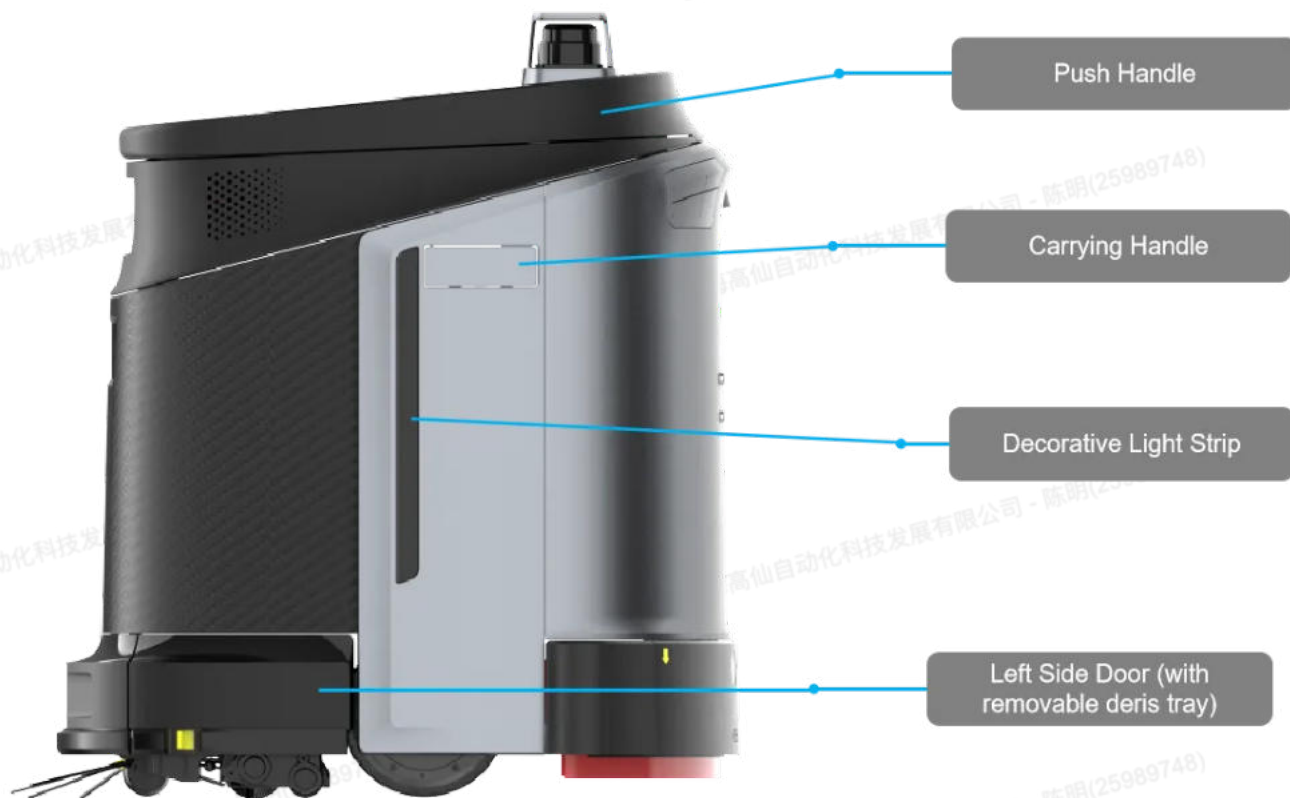
### 3.1 Front view



### 3.2 Rear view



### 3.3 Left View



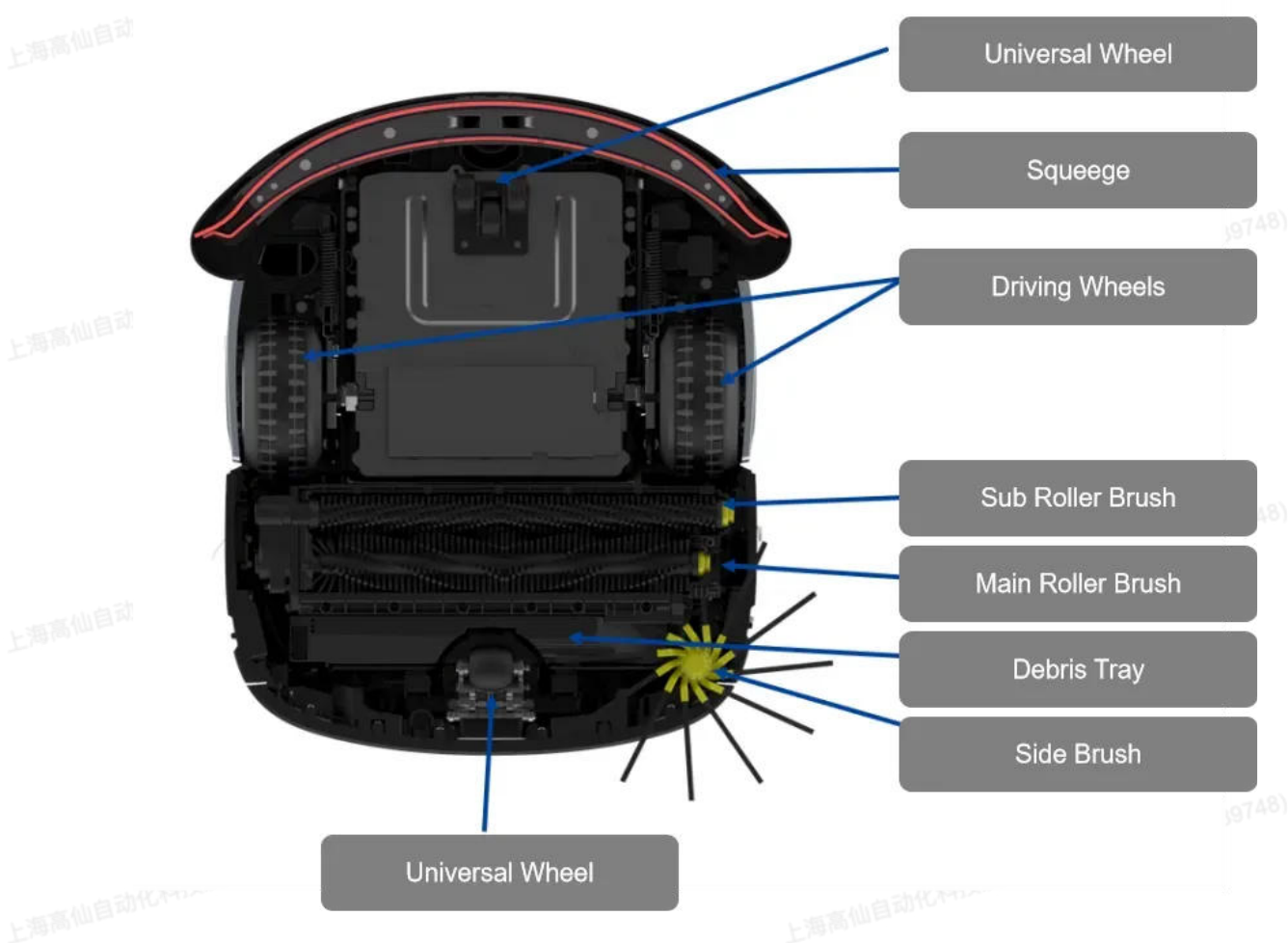
3.4 Right View



3.5 Top View



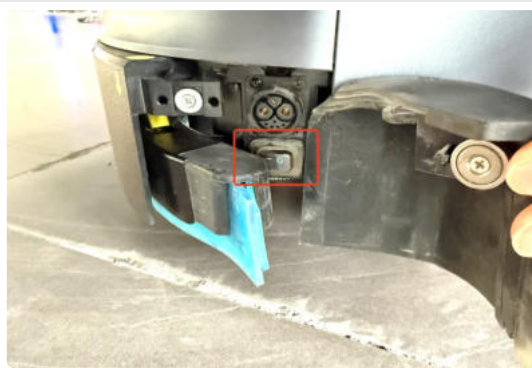
### 3.6 Bottom view



## 4. Power On Introduction

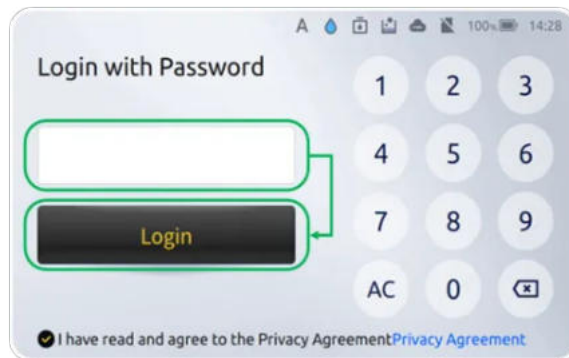
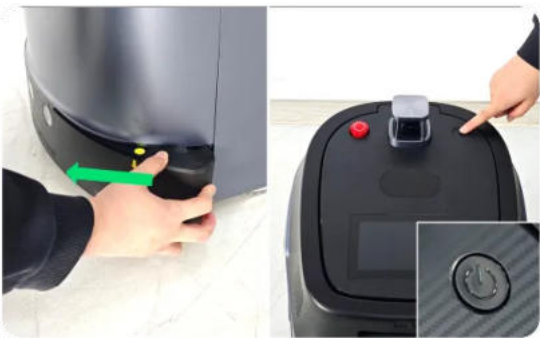
(1) Open the protective soft rubber on the right side of the squeegee cover.

(2) press the boat switch to "-" position.



(3) Reinstall the protective soft rubber on the right cover of the squeegee. Press and hold the power button on the top of the machine for several seconds until the display screen lights up.

(4) After entering the password, click Login.



Note: When the boat switch is in the "-" position, if holding down the power button for several seconds still fails to turn on the machine, you can try using a charger to charge the battery to activate it.

## 5. Power Off Introduction

(1) Press and hold the power button on the top of the machine for a few seconds until the display turns off.

(2) Open the protective soft rubber on the right side of the squeegee cover.



(3) Press the boat switch to the "○" position.

(4) Reinstall the protective soft rubber on the right side of the squeegee cover.

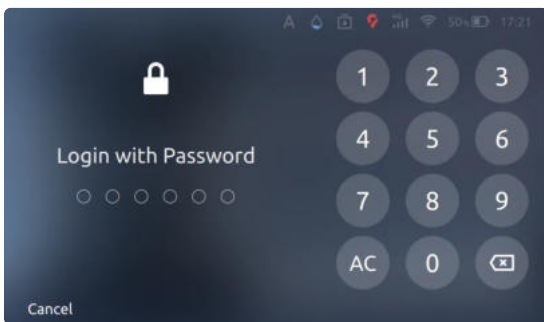




Note: It is forbidden to directly turn off the boat switch when robot is on. Before turning off the boat switch, it is necessary to use the button on the top cover to turn off the machine first.

## 6. Manual Push

(1) Wnter the password and log in.



(2) Press the push handle unlock button.



(3) Turn up the handle to the maximum angle and push the machine manually.



(4) Press the unlock button, then push the handle forward, and finally press down to lock the handle.



Note: Before manually pushing the machine, you need to log in first.

## 7. Manual Charging Introduction

### 7.1 Manual Charging with the Charging Cable from the Charging Pile

(1) Manually push the machine to the charging pile.

(2) Press the small door on the left side of the charging pile, open it and take out the charging cable.



(3) Open the protective soft rubber on the right side of the squeegee cover, align the charging plug with the charging port and insert it.



(4) While charging, the robot's light strip shows green; after charging is complete, rotate the blue fixed ring of the charging plug counterclockwise and pull out the charging plug outward at the same time.



## 7.2 Manual Charging with the Charging Cable from the Workstation

(1) Manually push the machine to the workstation.



(2) Take out the manual charging cable that comes with the workstation.



(3) Open the protective soft rubber on the right side of the squeegee cover, align the charging plug with the charging port, and insert it.

(4) While charging, the robot's light strip shows green; after charging is complete, rotate the blue fixed ring of the charging plug counterclockwise and pull out the charging plug outward at the same time.



### 7.3 Manual Charging with the Charging Pile

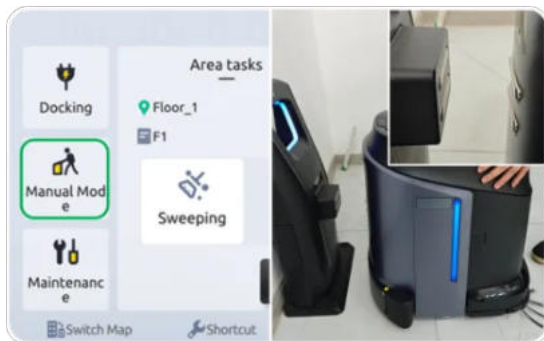
(1) Manually push the machine to the charging pile.



(2) Press the unlock button, then push the handle forward, and finally press down to lock the handle.



(3) Click the "Manual Mode" button on the machine screen; rotate the machine and align the charging electrode plates of the machine with those of the charging pile.



(4) Push the machine to make the charging electrode plates of the machine contact with those of the charging pile until the light strips of the machine and the charging pile turn green.



### 7.4 Manual Charging with the Workstation

(1) Manually push the machine to the workstation.

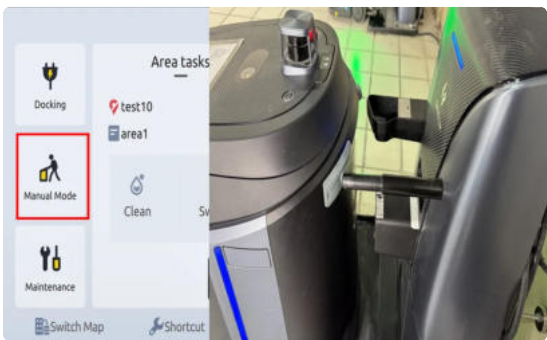
(2) Press the unlock button, then push the handle forward, and finally press down to lock the handle.





(3) Click the "Manual Mode" button on the machine screen; rotate the machine and align the charging electrode plates, water refilling inlet, and drainage outlet with the workstation's charging electrode plates, water refilling rod, and wastewater tray, respectively.

(4) Push the machine to make the charging electrode plates of the machine touch those of the workstation. Continue pushing until the light strips on both the machine and the workstation turn green, then release.



## 8. Manually Refilling, Draining Clean/ Waste Water

### 8.1 Manually Refill Clean Water

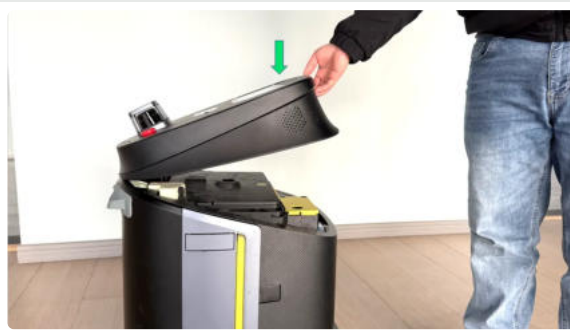
(1) Press down the head cover opening button; the cover will slightly pop up. Then, lift it upward.

(2) Use a measuring bucket to fetch water and add it to the clean water inlet.



(3) While refilling, observe the water level standard at the inlet and do not exceed the maximum water level mark.

(4) After completing the water refilling, close the head cover.

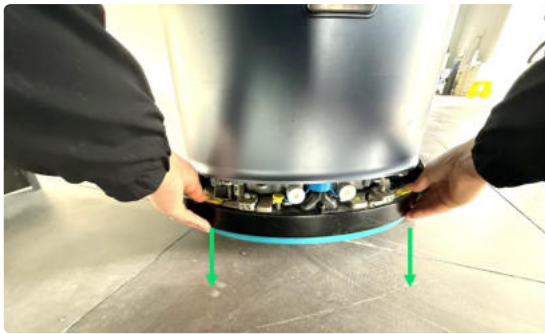


**Note:**

- ① When refilling water, pour slowly to avoid splashing water outside the inlet.
- ② While refilling water, pay attention to the maximum water level mark in the water filter basket; stop when the water level exceeds this position.

## 8.2 Manual Drain Clean Water

(1) Press down the squeegee cover with both hands to remove it; Press down the yellow locks of the squeegee with both hands to remove the squeegee assembly.



(2) Manually push the machine to the floor drain or other sewer pipe nearby.



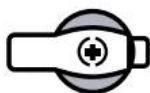
(3) Align the drain port of the machine with the floor drain, turn on the switch of the drain port downward, and start to empty the clean water.

After the water is emptied, turn off the switch.

(4) Align the squeegee locks, lift the squeegee upward, and reassemble the squeegee. Reinstall the squeegee cover.



Down = Open



Left = Closed



8.3 Manual Drain Waste Water

(1) Press down the head cover opening button; the cover will slightly pop up. Then, lift it upward.



(2) Take out the sewage tank.



(3) Open the sewage tank cover, remove the filter basket, and then pour out the waste water.



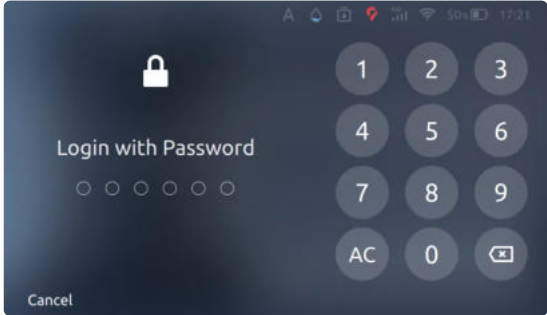
(4) Reinstall the filter basket and the sewage tank cover, reinsert the sewage tank and close the head cover.



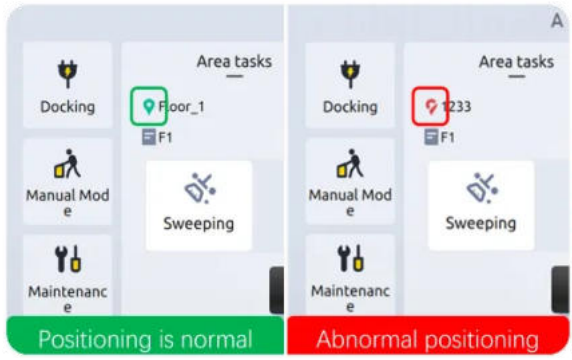
9. Automatic Charging Introduction

9.1 Automatic charging with the Charging Pile

(1) Enter the password and log in to the machine.

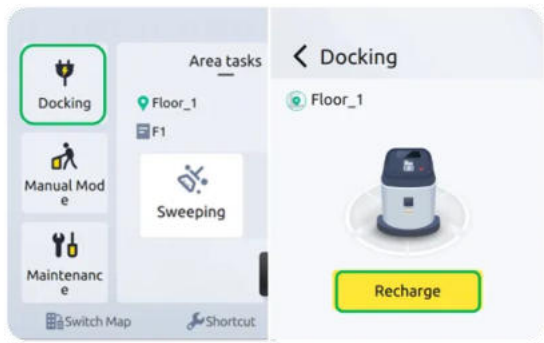


(2) Check the machine's positioning icon to confirm that the positioning is normal. If the positioning is abnormal, please refer to the "Relocation Positioning" guide to help the machine regain its correct position.

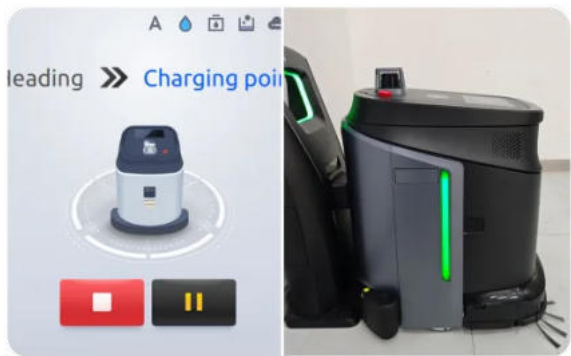




(3) Tap the "Docking" button on the screen, then tap "Recharge".

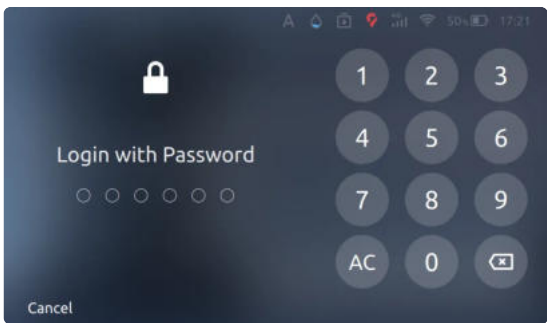


(4) The machine will automatically navigate back to the charging pile and start charging itself. While charging, the indicator lights on both the charging pile and the robot will display green.

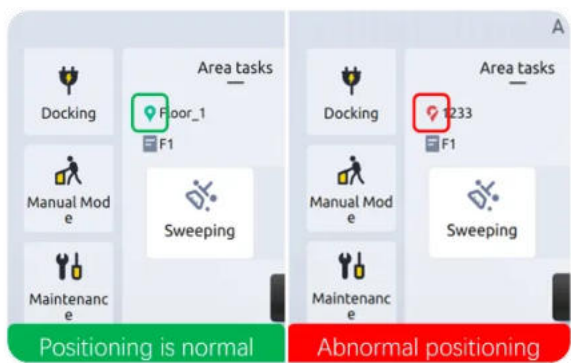


9.2 Automatic charging with the workstation (including water refilling and draining)

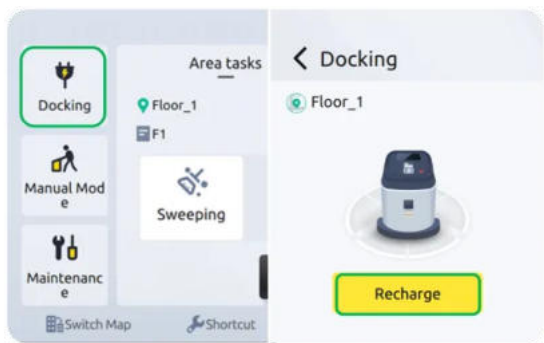
(1) Enter the password and log in to the machine.



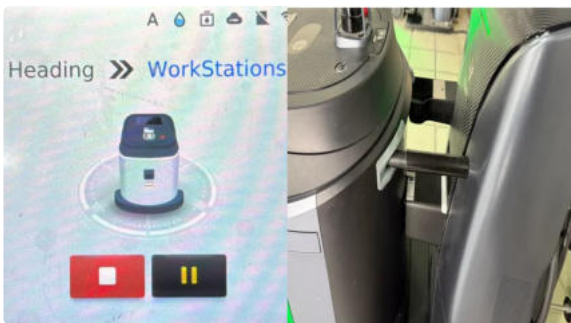
(2) Check the machine's positioning icon to confirm that the positioning is normal. If the positioning is abnormal, please refer to the "Relocation Positioning" guide to help the machine regain its correct position.



(3) Tap the "Docking" button on the screen, then tap "Recharge".



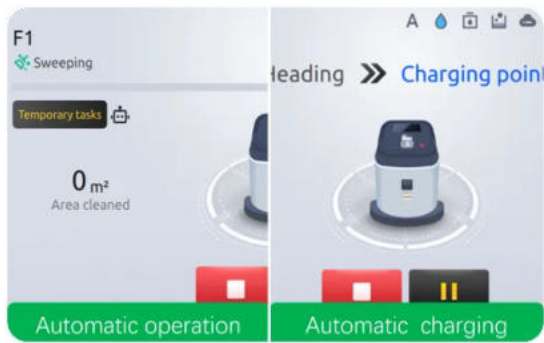
(4) The machine will automatically navigate back to the workstation, and perform self-charging, automatic water refilling, and automatic draining.



10. Emergency Stop to Avoid Danger



(1) The machine is performing automatic cleaning tasks or returning to the charging pile automatically.

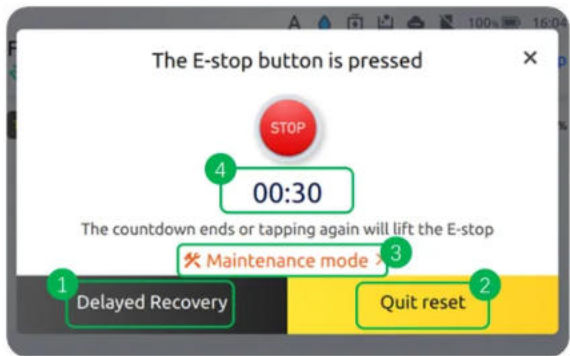


(2) In case of an emergency, pressing the emergency stop button will put the machine into an emergency stop state.



(3) When the machine is in emergency stop state:

- ① Click "Delayed Recovery" to hide the emergency stop state interface, and it will be automatically released after the countdown ends.
- ② Click "Quit Reset" will abandon the emergency stop self-recovery, and subsequent recovery can only be achieved by pressing the emergency stop button again.
- ③ Click "Maintenance Mode", the machine will enter the maintenance mode, and you can maintain and clean accessories according to the instructions.
- ④ Without any operation, the machine will automatically cancel the emergency stop state after the countdown.



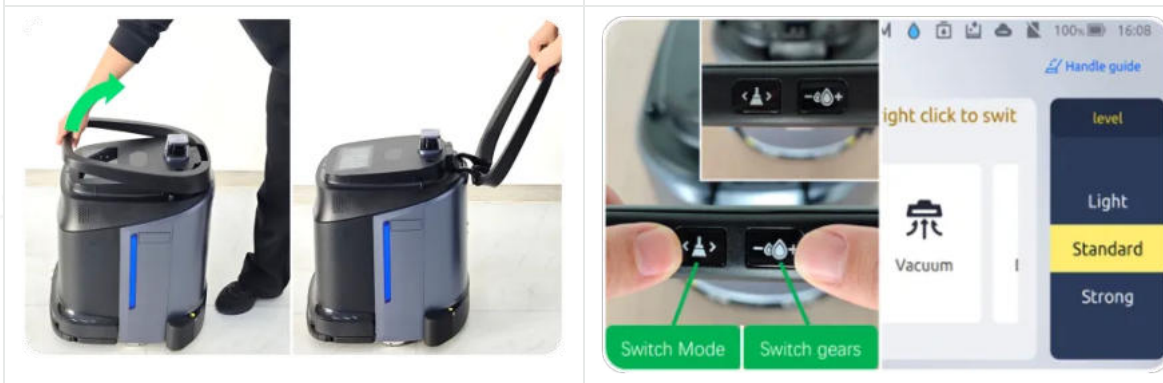
## 11. Manual Operation

- (1) Install the cleaning accessories correctly according to the cleaning mode and cleaning accessory configuration table.

Cleaning Mode and Cleaning Accessories Assembly Table								
		● Must be installed						
		○ Not mandatory installation						
accessory		Side Brush	roller brush	roller brush	dust bin	Hepa	dust box	wastewater tank
mode								Water absorbing scraper
Sweeping		●	●		●	○	○	○
Dust Mop		●	●		●	○	○	○
Clean		●		●	●	●	●	●
Vacuum		●	●		●	●	●	○

(2) Raise the push handle to the maximum angle and perform manual operations by pushing the machine.

(3) Switch the machine cleaning mode and levels through the buttons on the handle.  
(Note: The robot only performs tasks while moving).

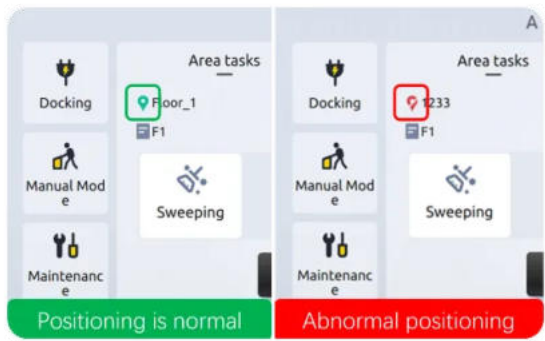


## 12. Automatic Operation

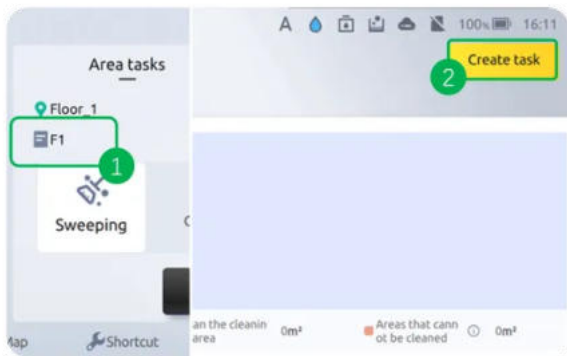
(1) Install the cleaning accessories correctly according to the cleaning mode and cleaning accessory configuration table.

Cleaning Mode and Cleaning Accessories Assembly Table								
		● Must be installed						
		○ Not mandatory installation						
accessory		Side Brush	roller brush	roller brush	dust bin	Hepa	dust box	wastewater tank
mode								Water absorbing scraper
Sweeping		●	●		●	○	○	○
Dust Mop		●	●		●	○	○	○
Clean		●		●	●	●	●	●
Vacuum		●	●		●	●	●	○

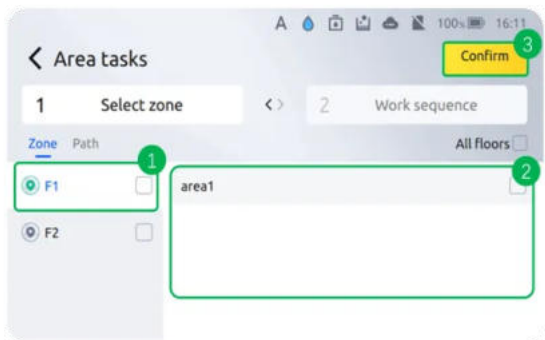
(2) Check the machine's positioning icon to confirm that the positioning is normal. If the positioning is abnormal, please refer to the "Relocation Positioning" guide to help the machine regain its correct position.



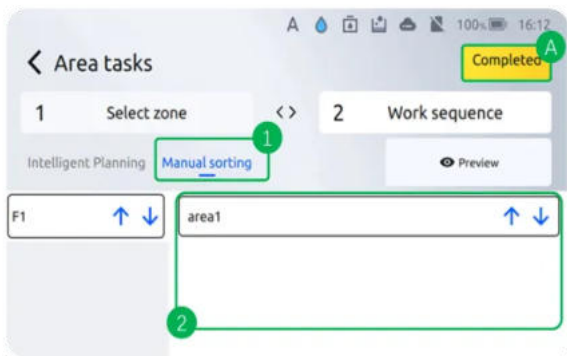
(3)① Click "area1" on the screen. ② Click "Create Task".



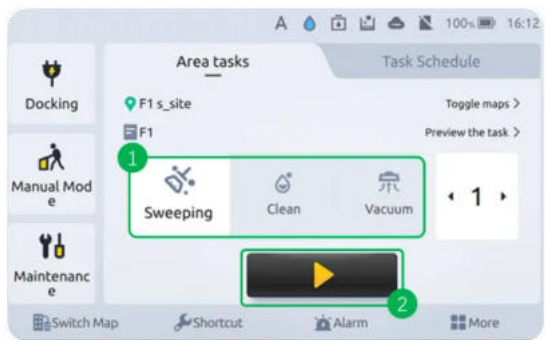
(4)① Click on the map. ② Select the cleaning area. ③ Click "Confirm".



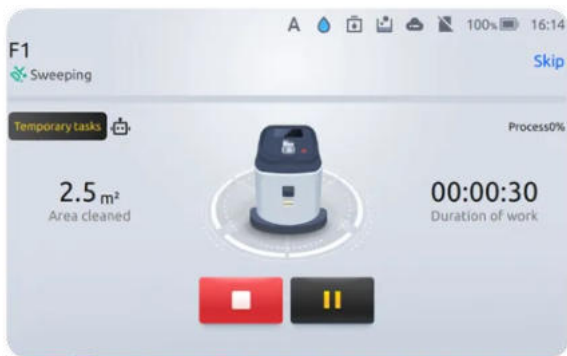
(5)① Click "Manual Sorting". ② Click on the arrows to adjust the order. After adjusting the order as needed, click "Completed".



(6)① Choose the cleaning mode as needed. ② Click the "Start" button.



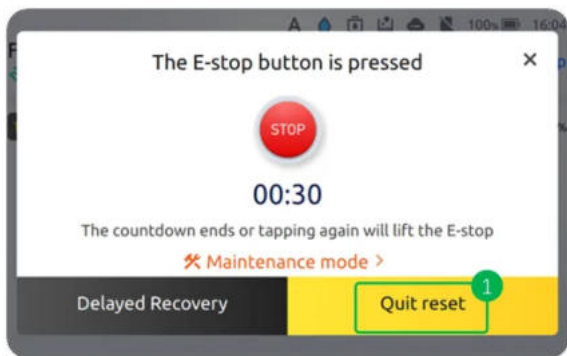
(7) The robot will start automatic operation.



(8) If you want to pause or stop the automatic operation, you can press the "emergency stop" button to stop the robot.



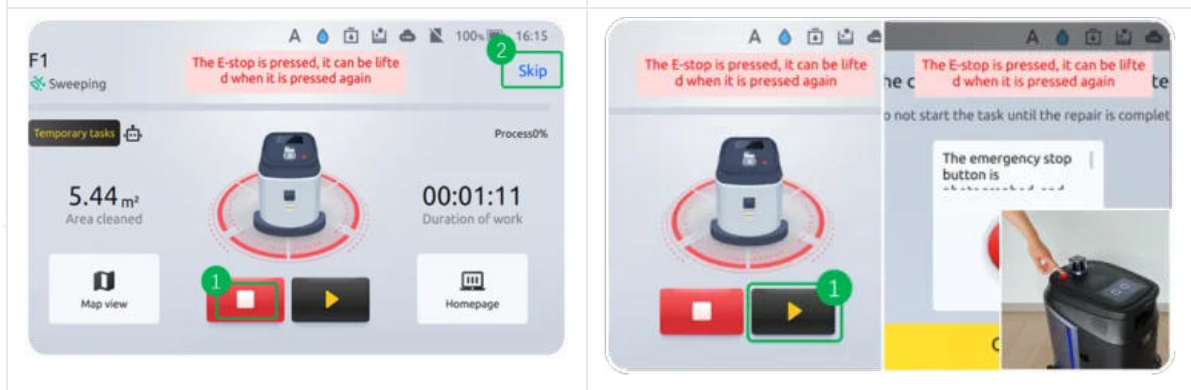
(9) If the screen is in a locking state, you need to first log in with the password, then click "Quit Reset".



- (10)① If you want to end the automatic operation in advance, click the "End" button;

② Click "Skip" to skip the current cleaning area and clean the next cleaning area directly.
- (11) Click the "Resume" button to continue the task.

If the current task cannot be executed, press the emergency stop button again according to the prompt to cancel the emergency stop.



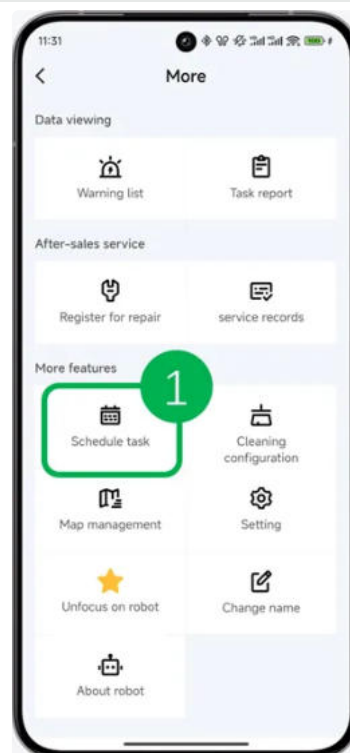
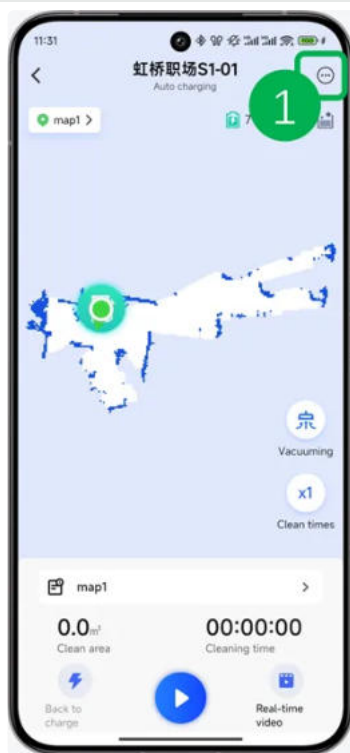
## 13. Schedule Setting

### 13.1 Set Schedule on Gausium Mobile

- (1) Open the "Gaussium Mobile" APP and log in with your account; if you have not activated an account, please contact the Gausium after-sales engineers.
- (2) ①Click on "Robot";

②In the list of my robots, find the corresponding robot and click on it; if the corresponding robot is not in the list, please contact the Gausium after-sales engineers.
- 
- 
- (3) Click on the "☰" icon in the top right corner.
- (4) Click on "Schedule task".



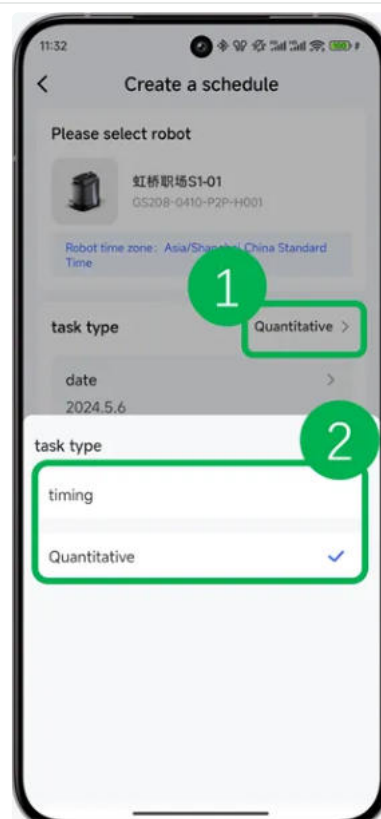
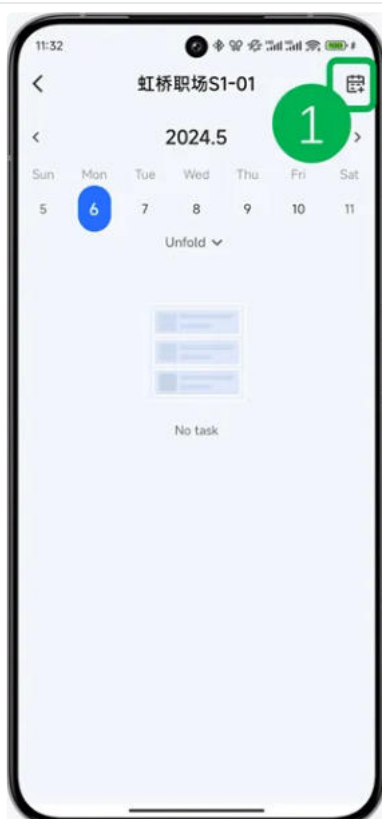


(5) Click on the "⚙️" icon in the top right corner.

(6) ① Click on "Task Type"; ② Select "Timing" or "Quantitative".

Timing: Specify the start time and the end time.

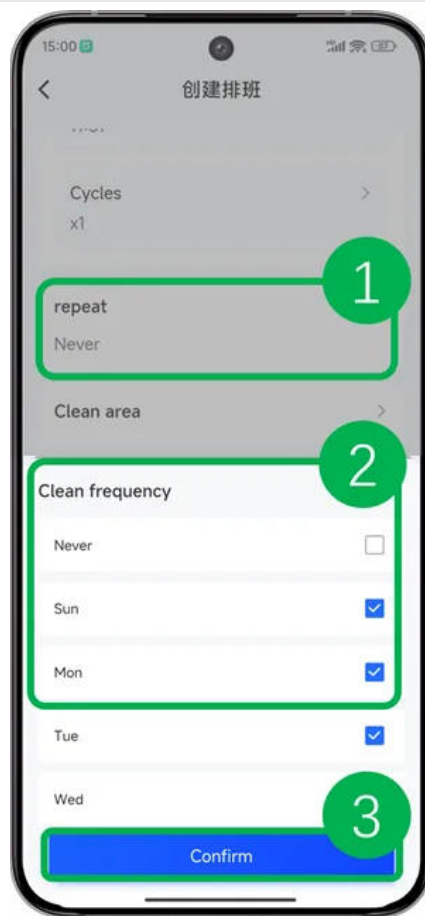
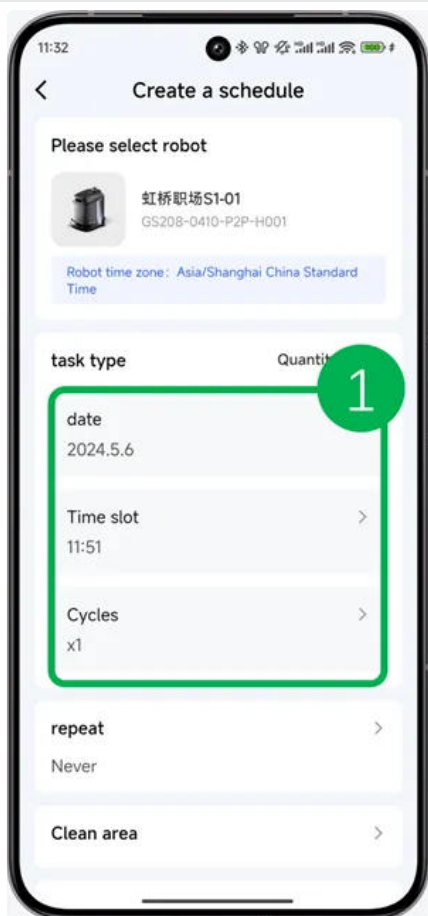
Quantitative: Specify the start time and the number of cycles.



(7) Set the start date for the scheduled task to be activated and the time period during which it will be executed.

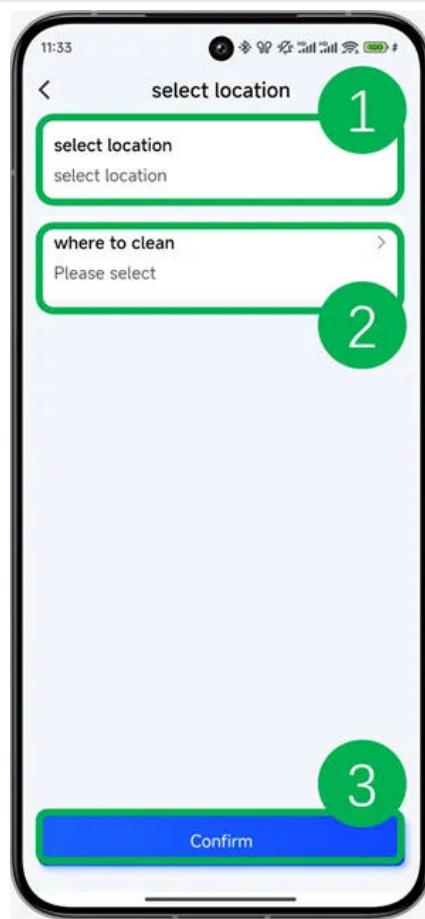
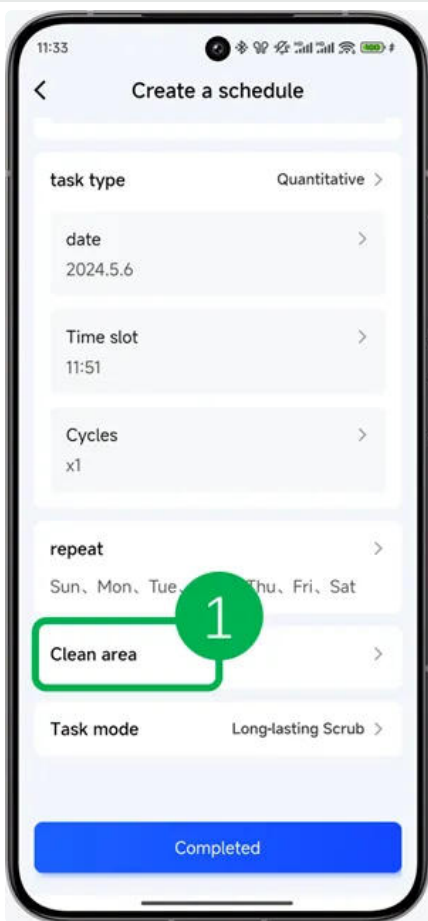
(8) ① Click on "Repeat". ② Check the days of the week. ③ Click "Confirm" to set the repeat cycles for the scheduling task by week.

Never: This means the scheduling task does not repeat and is executed only once on the scheduled start date.

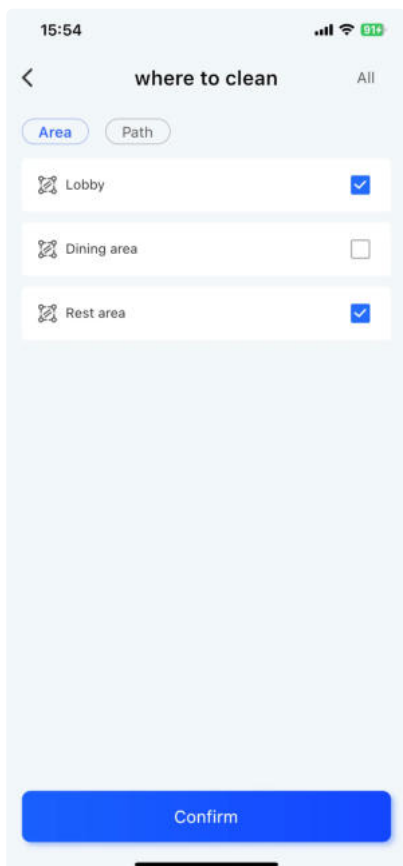


(9) Click on "Cleaning area".

(10) Click on "Select Location" to choose the map for the scheduled task.

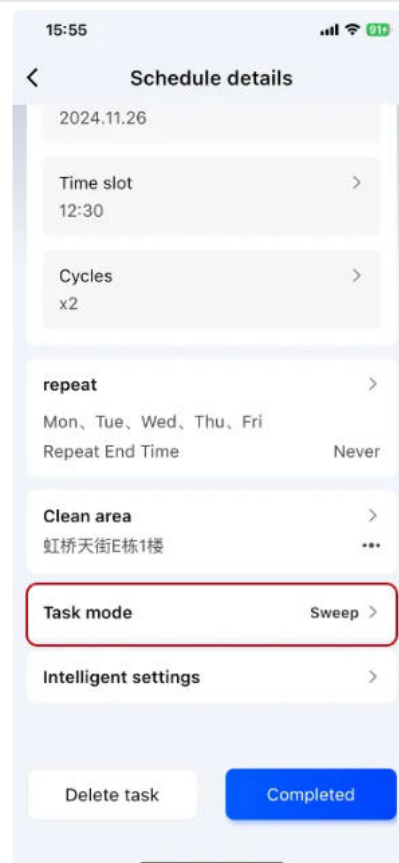
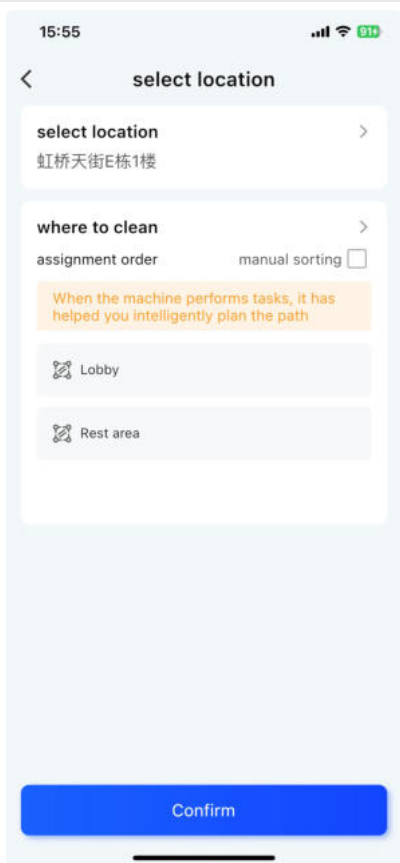


(11) Click on "Where to clean" to select the area for the scheduled task: you can choose an area or a path. After making your selection, click "Confirm".



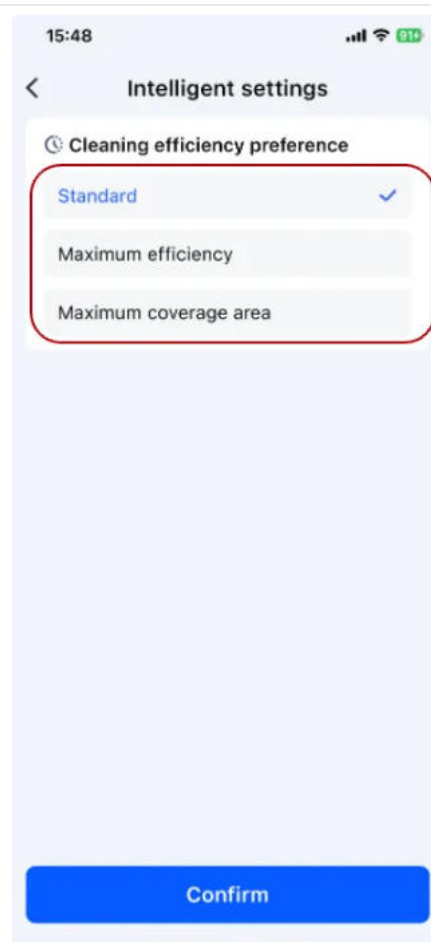
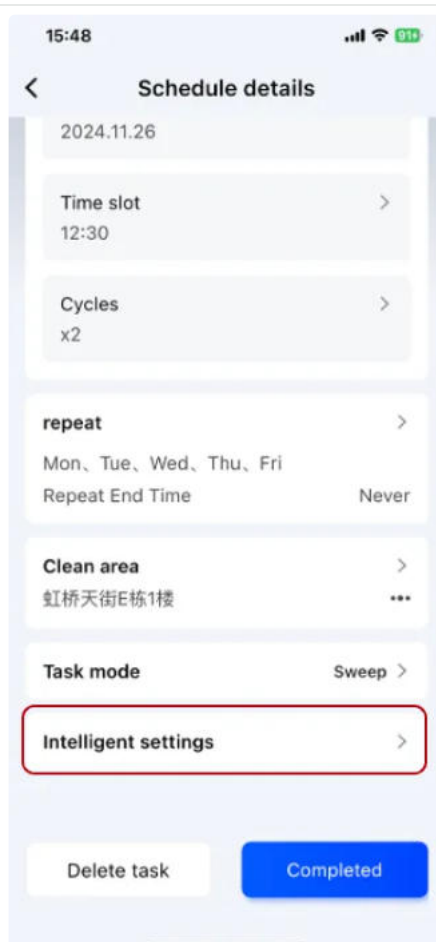
(12) Select "Manual Sorting" to arrange the cleaning order; click "Confirm"; later, the robot will perform tasks according to this sequence.

(13) Click on "Task Mode" to set the cleaning mode for the scheduling task.



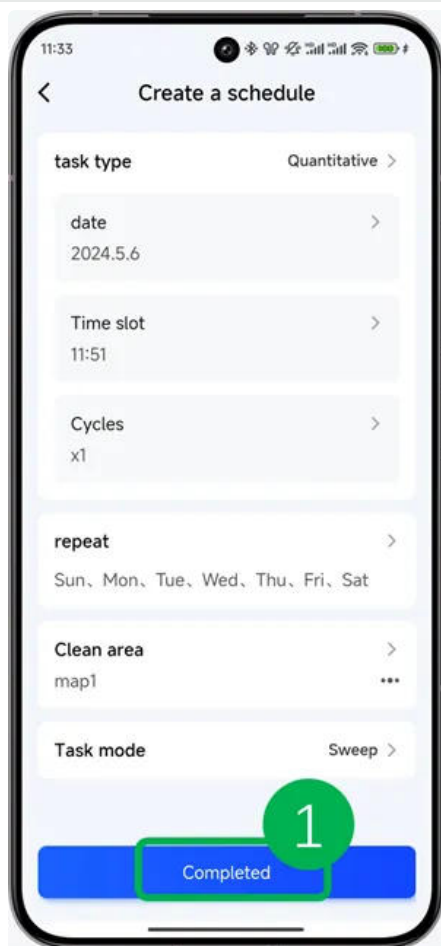
(14) Click on "Intelligent Settings" to modify the cleaning efficiency.

(15) You can choose "Standard," "Maximum Efficiency," or "Maximum Coverage area".



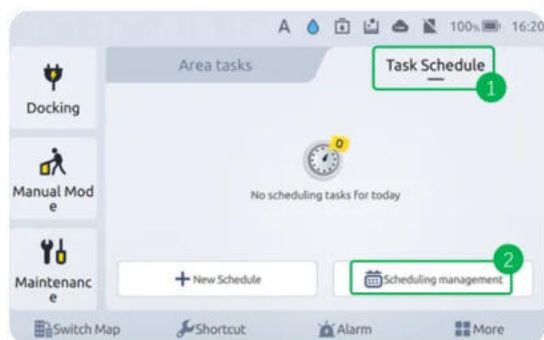
(16) Click "Completed" to finish setting up the scheduling task.



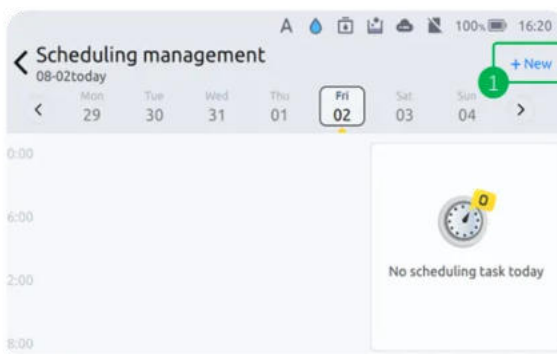


### 13.2 Set Schedule on the Robot Screen

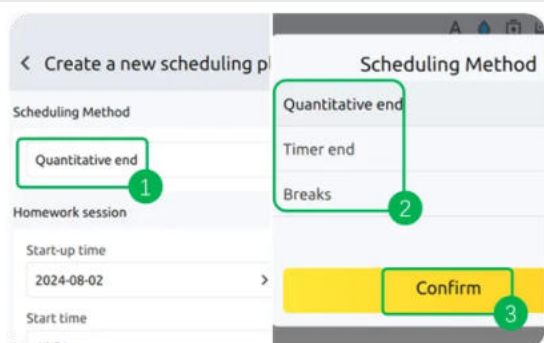
(1) ① Click on "Task Schedule"; ② Click on "Scheduling Management".



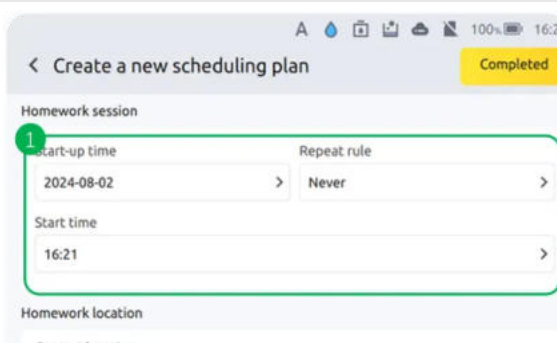
(2) Click on "New".



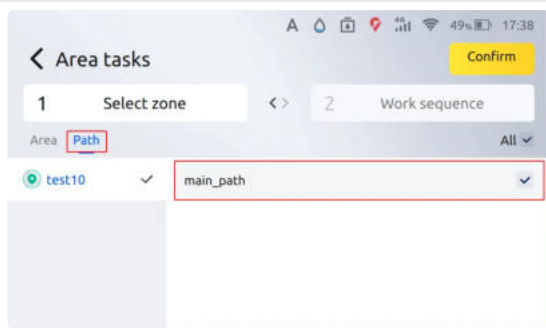
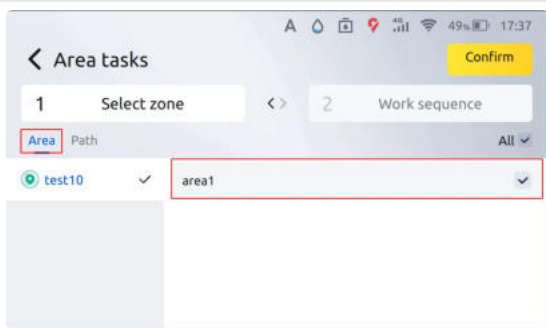
(3) ① Click "Scheduling Method". ② Click to select a scheduling method. ③ Click "Confirm".



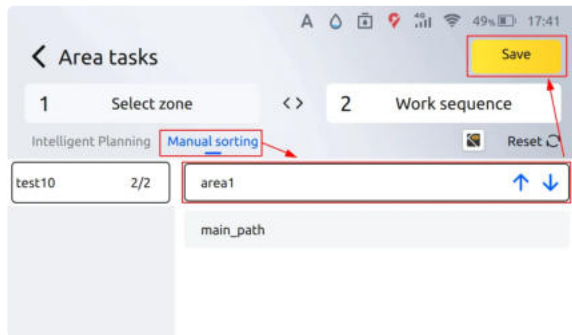
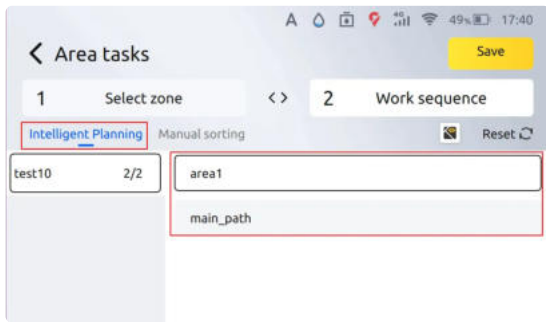
(4) Set the operation time period.



(5) Click Area Tasks, select the area to be cleaned: you can select the area or path, and click "Confirm" after selecting.

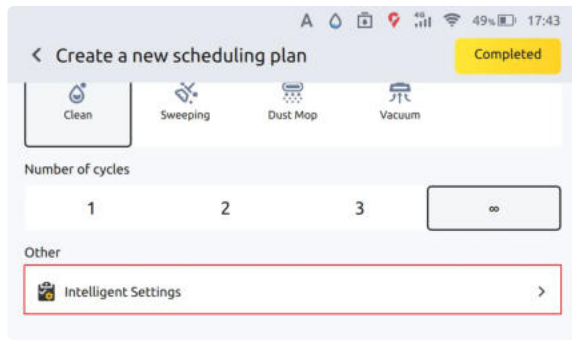
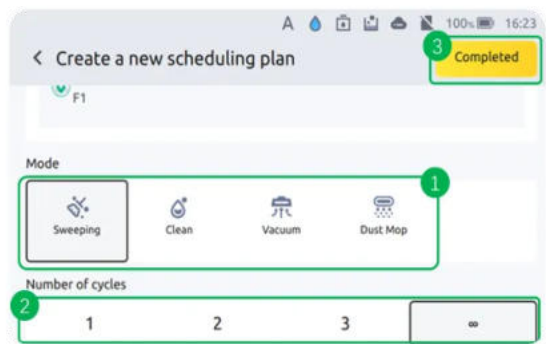


(6) Enter the "Work Sequence" interface, you can adjust the order of the tasks through "Intelligent Planning" or "Manual Sorting".



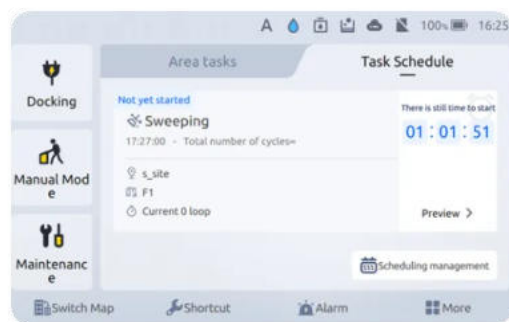
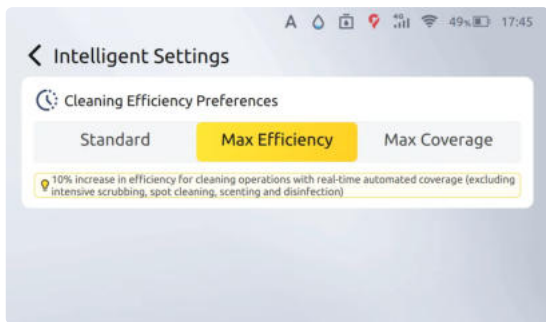
(7) ① Set the operation mode. ② Set the number of cycles. ③ Click "Completed".

(8) Click "Intelligent Settings".



(9) Choose one of the cleaning efficiency preferences.

(10) The setting of task scheduling is completed.

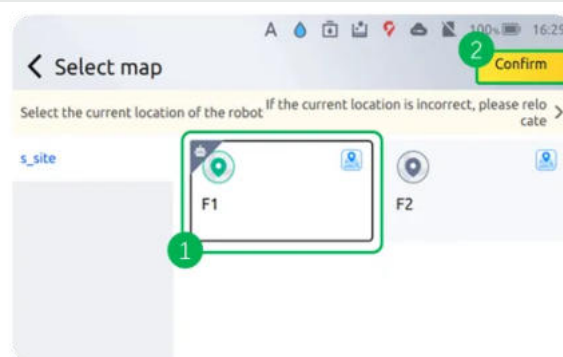
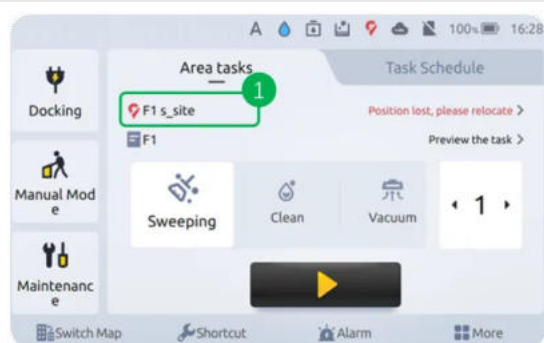


## 14. Relocation Positioning

### 14.1 Docking Positioning

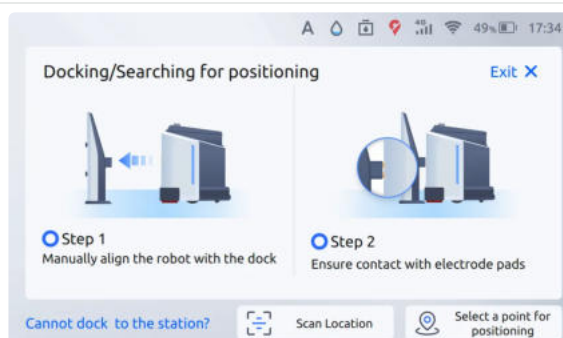
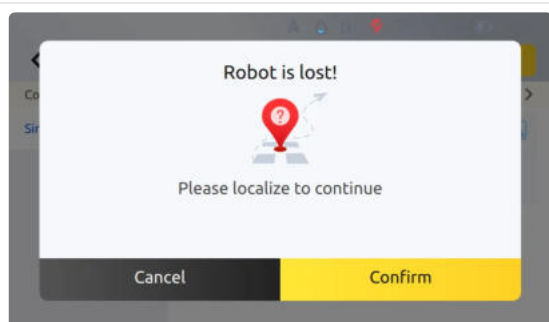
(1) If the positioning is abnormal or the machine has completed manual relocation, click the "Positioning" icon.

(2) ① Select the map where the machine's current actual position is located; ② Click "Confirm".



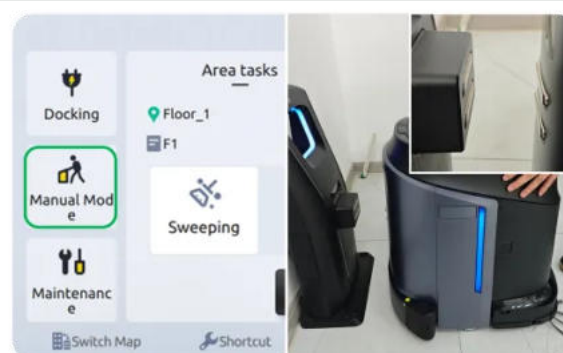
(3) Upon seeing the "Robot is lost" prompt, click "Confirm".

(4) Follow the instructions on "Docking/ Select a point for positioning" to perform manual docking.



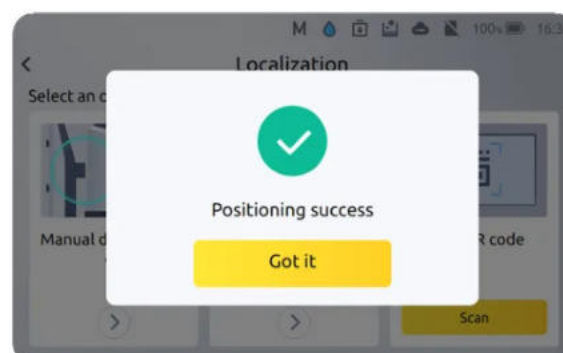
(5) Manually push the machine to the charging pile or workstation. Press the unlock button on the handle, push the handle forward at the same time, and finally press down to lock the handle.

(6) Click the "Manual Mode" button to rotate the machine and align the charging electrode plates of the machine with those of the charging pile or workstation.



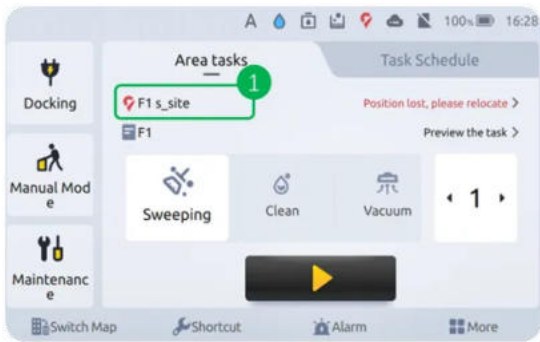
(7) Push the machine to make the charging electrode plates of the machine contact with those of the charging pile or workstation, and release your hands when the light strips of the machine and the charging station turn green.

(8) When the screen displays a "positioning success" message and you can hear the machine's voice prompt saying "Positioning successful," it indicates that the machine has successfully completed the initial positioning.

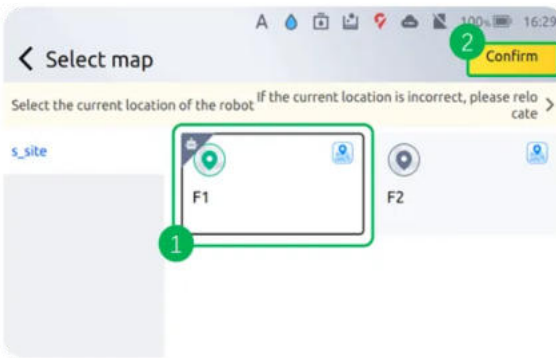


14.2 Select a Point for Positioning

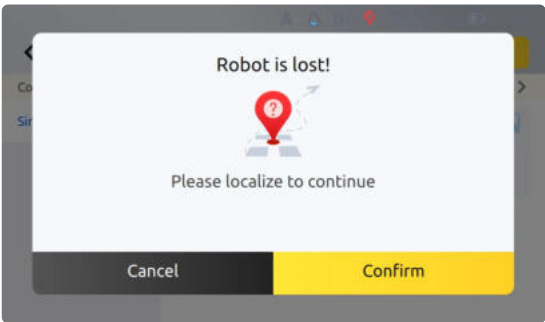
(1) If the positioning is abnormal or the machine has completed manual relocation, click the "Positioning" icon.



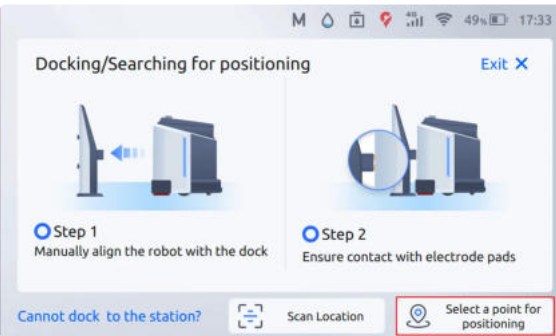
(2) ① Select the map where the machine's current actual position is located; ② Click "Confirm".



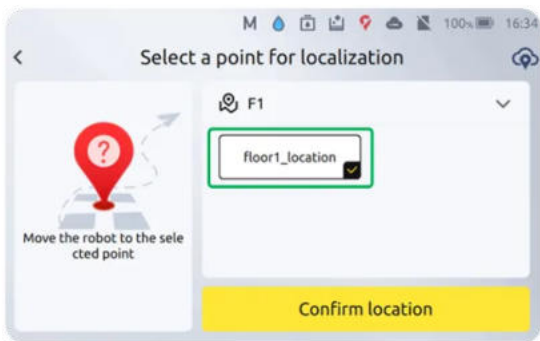
(3) Upon seeing the "Robot is lost" prompt, click "Confirm".



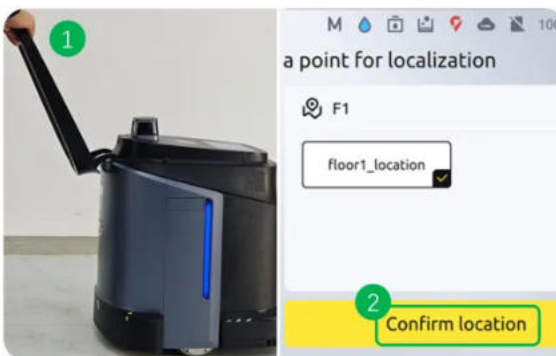
(4) Click on "Select a point for positioning".



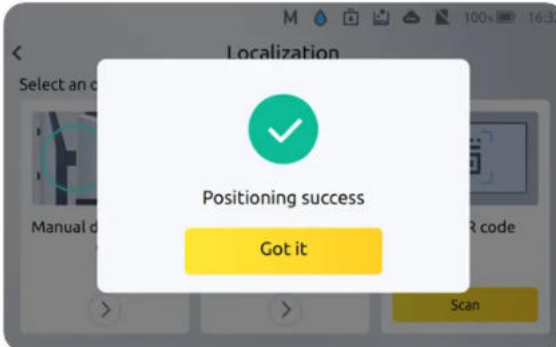
(5) Select the positioning point. (The positioning point is set in advance when the robot is deployed.)



(6) ① Manually push the machine to the actual position where the positioning point is located. ② Click "Confirm location" after arrival.

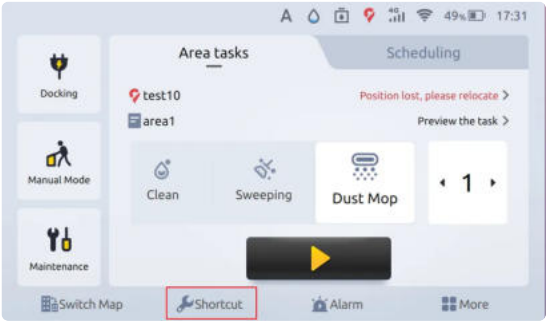
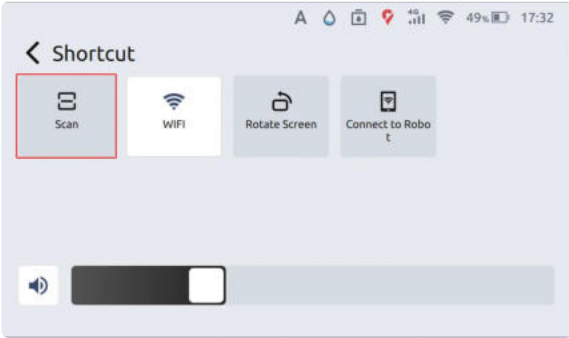

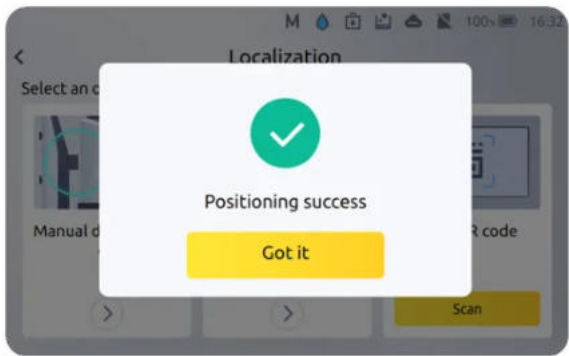


(8) When the screen displays a "positioning success" message and you can hear the machine's voice prompt saying "Positioning successful," it indicates that the machine has successfully completed the initial positioning.

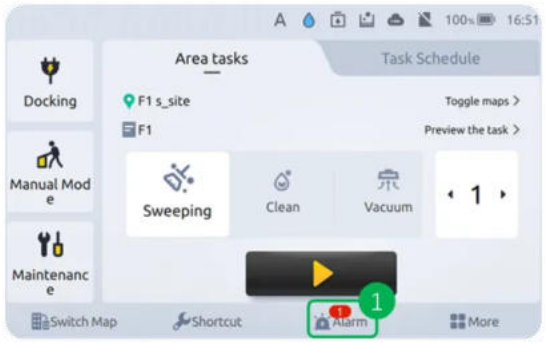





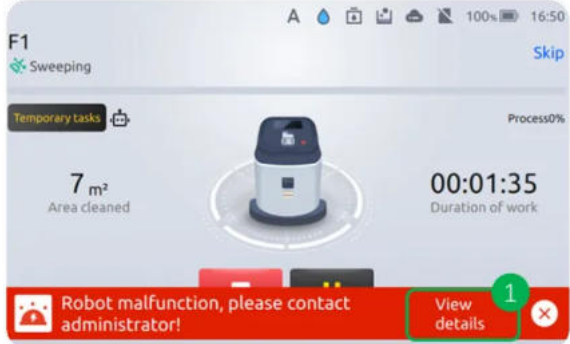
14.3 Scan QR Code for Positioning

<p>(1) If the positioning is abnormal or the machine has completed manual relocation, click the "Shortcut" icon.</p>	<p>(2) Click the "Scan" button.</p>
	
<p>(3) Manually push the machine, and align it with the QR code.</p>	<p>(4) When the screen displays a "positioning success" message and you can hear the machine's voice prompt saying "Positioning successful," it indicates that the machine has successfully completed the initial positioning.</p>
	

15. Check the Alarms

<p>(1) If the screen is locked, you need to log in with the password first, then click on "Alarm" in the bottom right corner.</p>	<p>(2) If the machine is operating normally, there will be no alarm messages; if there is an abnormality with the machine, alarm messages will appear.</p>
	

(3) When the machine triggers an abnormal alarm, there will be a red pop-up at the bottom of the screen. Click "View Details" to quickly check the alarm information.



## 16. The Meaning of the Colors of the Light Strips on the Sides of the Machine

(1) Red status: Indicates that the emergency stop has been activated or there is a fault warning that cannot be resolved by the user.



(2) Yellow status: Indicates a fault warning that can be resolved by the user.



(3) Blue status: Indicates that the machine is operating normally.



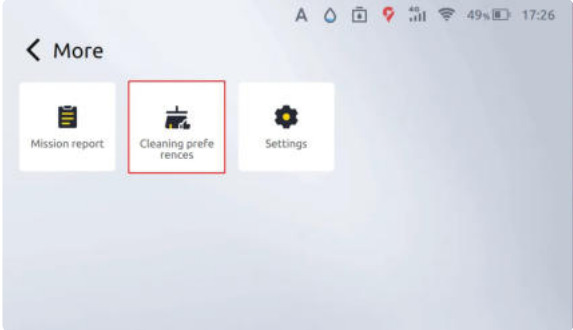
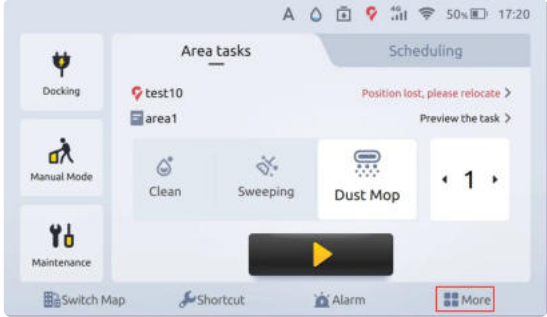
(4) Green status: Indicates that the machine is charging.



## 17. Set Cleaning Preferences

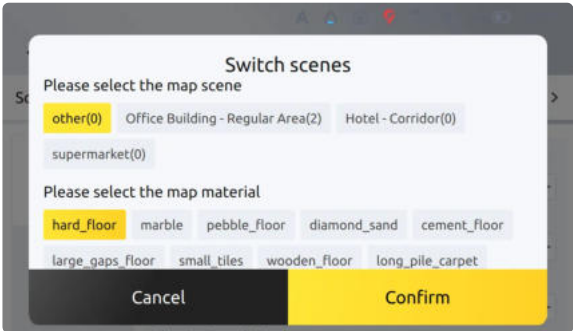
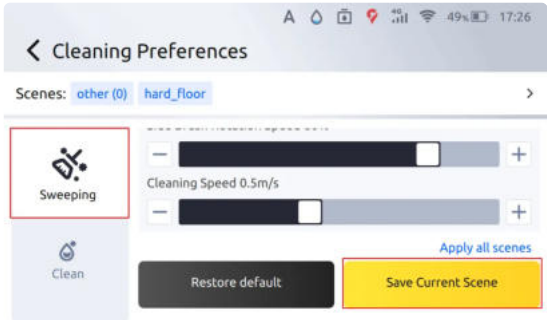
(1) Click the "More" button.

(2) Click on "Cleaning Preferences".



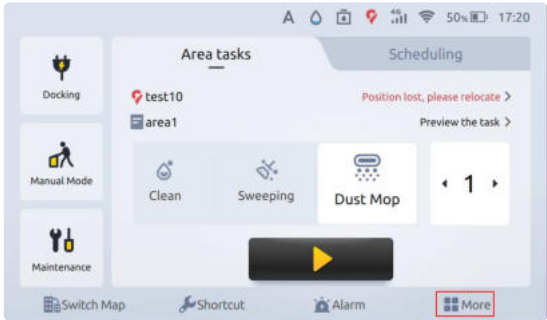
(3) You can set cleaning preferences for different cleaning modes, such as gentle, standard, and intensive. After setting them, click "Save Current Scene".

(4) You can select the map scene and the corresponding floor material, and then click "Confirm".

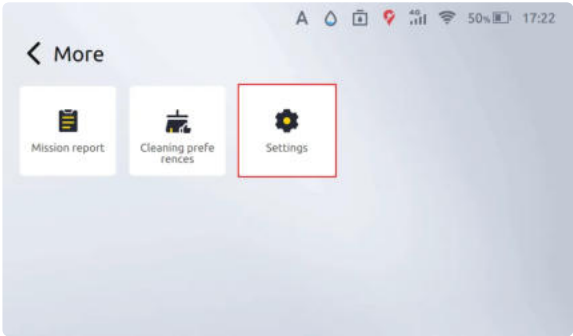


# 18. Strobe Light Switch Control Settings

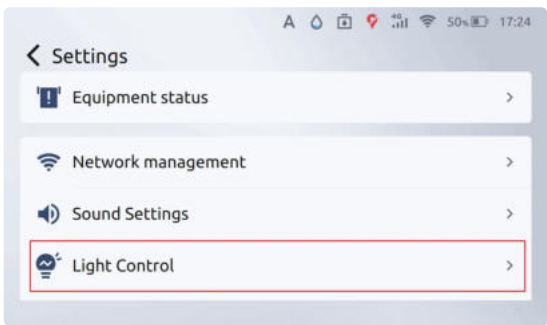
(1) Click the "More" button.



(2) Click "Settings".



(3) Select "Light Control".



(4) You can choose one of the three states: "On", "Off", "Auto", to control the light status.

