

Q3-G Deployment Manual-V3.3-260902



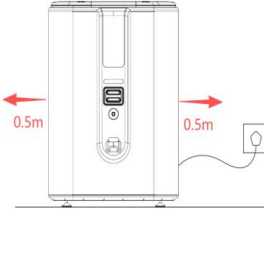
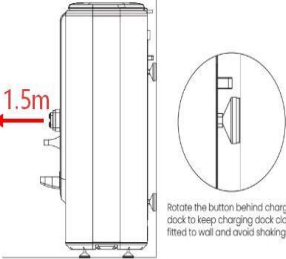
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Step 1: Site Selection and Leveling for Charging Stations (Base Stations)

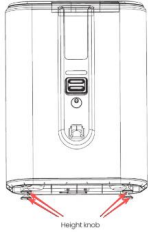
1.1 Mandatory Space Allocation Standards (Failure to meet these standards will result in charging failure or the robot getting lost)

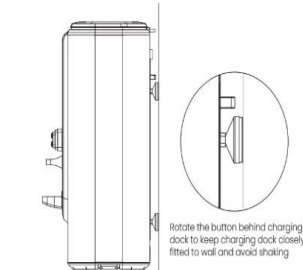
Leave 0.5 meters of unobstructed space on either side of the charging station. Leave 1.5 meters of unobstructed space directly in front of the charging station.		
Note: (1) We recommend using yellow caution tape to cordon off this area to remind everyone not to occupy it. (2) Once the charging station is securely installed, it must not be moved at any time. If it is moved, the robot's positioning system will fail, and it will be unable to return to the station to recharge automatically.		

1.2 Requirements for Water and Electricity Connection

Power Supply Requirements	Compatible with AC 100–240 V three-prong household outlets; plug directly into a standard power outlet on-site.
Water Supply Requirements	The base station must be placed near a faucet; use a standard washing machine hose to connect the base station's water inlet.
Drainage Requirements	There must be a drain within 1.5 meters of the base station (if none is available, the drain pipe must be extended); there are no requirements regarding the height of the drain.

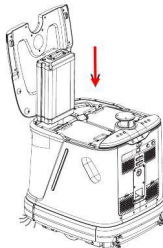
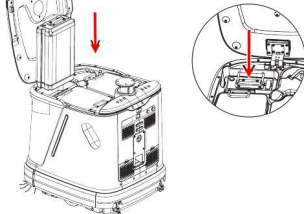
1.3 Charging Station (Base Station) Leveling Procedure

(1) Loosen all the adjustment bolts at the bottom of the charging station (base station), and fine-tune the height of the bottom bolts to ensure that when the robot drives in to charge, the metal charging contacts on its body are perfectly flush with the charging contacts on the charging station (base station);	
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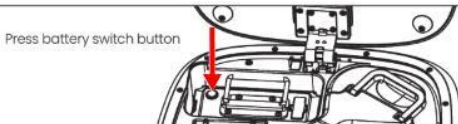
(2) Tighten the knob at the back of the rotating charging station (base station) to secure it firmly against the wall so that it does not wobble when shaken;	 Rotate the button behind charging dock to keep charging dock closely fitted to wall and avoid shaking
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Step 2: Turning on the Robot

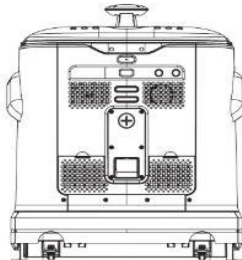
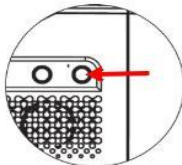
2.1 Install the battery

(1) Lift the top cover of the robot upward	
(2) Insert the battery into the battery compartment of the device with the guide slots facing down.	

2.2 Connect the battery power supply

Press the power button on the side of the battery to turn it on.	 Press battery switch button
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2.3 Turn on the power to the entire unit

(1) Locate the power switch on the back of the robot and press it.	
(2) Criteria for determining a successful startup: After multiple lights on the controller flash, only one indicator light remains lit.	 Press power key button

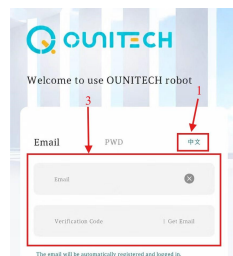
Step 3: Ounitech Robotics App: Download, Sign Up, and Log In

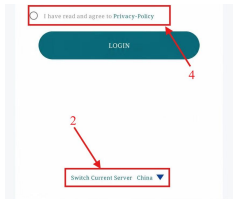
3.1 Download the installation package for your specific model



Android phone	(1) Open your phone's built-in browser
	(2) Scan the QR code to download: 
	(1) Download the installation package. When a pop-up window appears warning that the app is from an “unknown source,” select “Allow installation.”
iPhone phone	(1) Open the App Store
	(2) Search keywords: “Ounitech Robot”
	(3) Click to complete the installation
Desktop	Web address: https://webapp.robotcloud.top
Web Version	Limitations: You can only view cleaning logs and device status; you cannot pair robots, create new maps, or debug parameters.

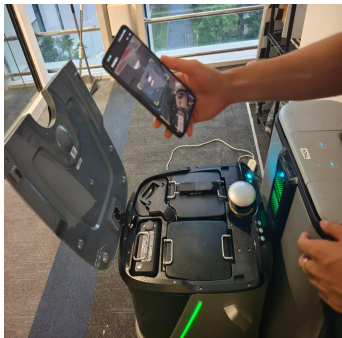
3.2 Account Registration and Login

(1) Language Switch: Click the [中文] button in the upper-right corner of the page to switch languages.	
(2) ① For China , select [China];	
② For the Middle East, all of Europe (excluding Russia), Africa, South America, and North America, select [Europe];	
③ For Japan, South Korea, Southeast Asia, and Oceania, select [Singapore].	

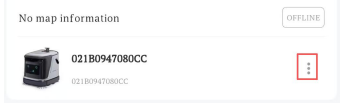
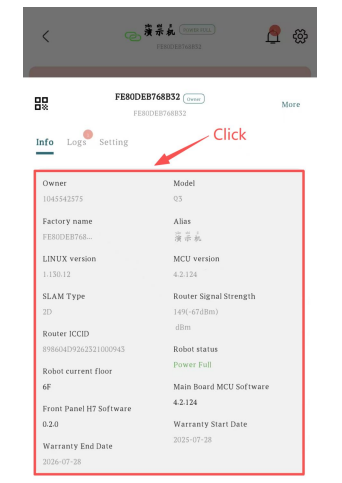
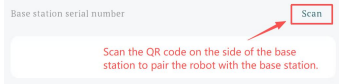
(3) Enter your email address to receive a text message verification code	
(4) Check the box to agree to the Privacy Policy, enter the verification code, and click “Log In.” When you log in for the first time, an account will be automatically created.	

Step 4: Robot + Charging Station Pairing Process

4.1 Bind the Robot Host

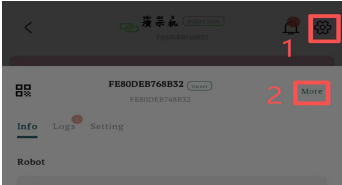
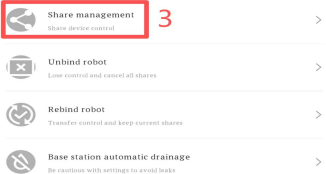
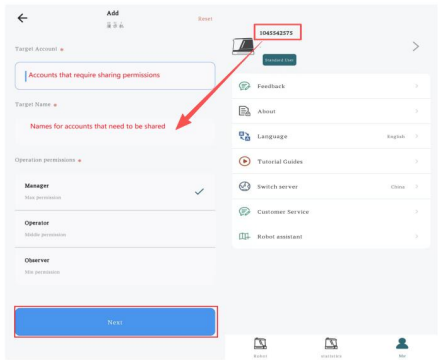
(1) Lift the top cover of the robot;	
(2) Tap the QR code icon in the upper-left corner of the app's home screen;	
(3) Scan the QR code printed on the back of the robot's top cover;	
(4) Send the device serial number displayed on the page to the after-sales technician so they can activate the device remotely.	

4.2 Pair with a Charging Station

(1) If a bot entry appears in the list, click the [...], More button to the right of the entry;	
(2) Go to the Device Information page, locate the [Info] section, and tap the gray area shown as 2 on the right;	
(3) Click the [Scan] button and scan the QR code on the side of the charging station;	

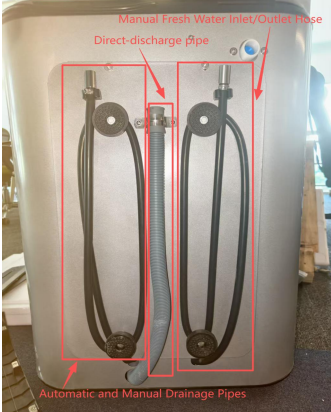
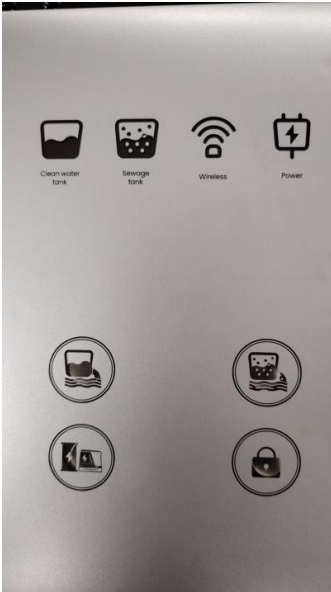
	
(4) After scanning the QR code, the barcode numbers will automatically populate the input field. Click [Next] to complete the linking process.	

4.3 Sharing Permissions (Key Points to Remember)

(1) The first account to scan the QR code and link the device is the account holder and has full operational privileges;	
(2) Once the owner scans the QR code, others cannot scan it to link the bot; they must be granted “Administrator” permissions by the owner to control the bot;	
(3) Account holders can assign viewing and editing permissions to other cleaning staff within the app. As shown in the image on the right, [Share Management]	
(4) Click [Add]	
(5) After entering the account and username of the person you want to share with and selecting the desired sharing permissions, click[Next].	

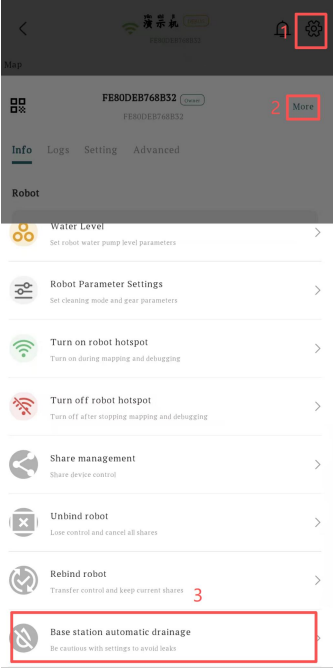
Step 5: Water Supply and Drainage Setup for Charging Stations (Base Stations)

5.1 Manual Drain

(1) Applicable Scenarios	No running water, no drainage outlet (e.g., office building lobby)	
(2) How to Set It Up	(1) Press and hold [Child Lock] to unlock; the light will turn off when unlocked. (2) Drainage: Press and hold [Drain Wastewater] / [Drain Clean Water] to drain the water from the charging station (base station) tank through the black hose. Press [Drain Wastewater] / [Drain Clean Water] once more to turn off the water pump. (3) Filling the clean water tank: Place the black hose on the side near the clean water tank into the water, then briefly press [Drain Clean Water] to draw water into the charging station (base station)'s clean water tank. Press and hold [Drain Clean Water] again to stop the process.	

5.2 Automatic Sorting

(1) Applicable Scenarios	There is running water; the sewage pipe is above ground level and must pass through the wall.	
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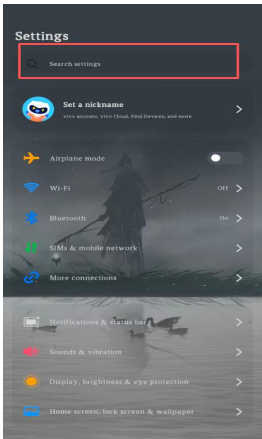
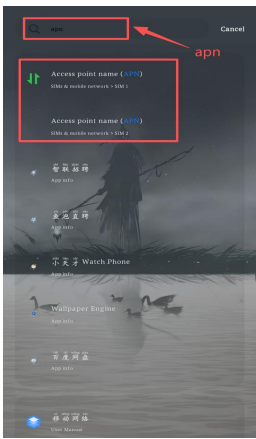
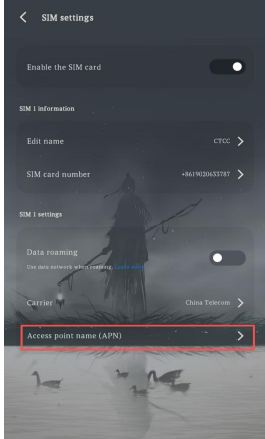
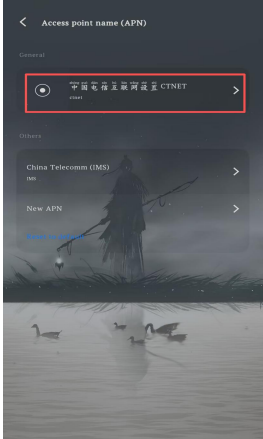
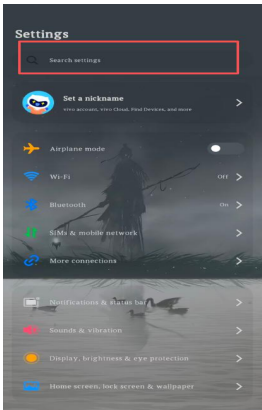
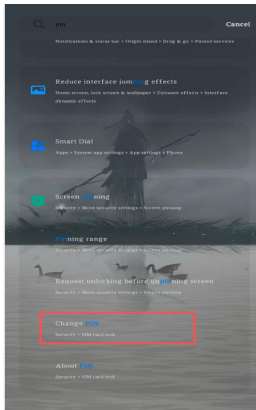
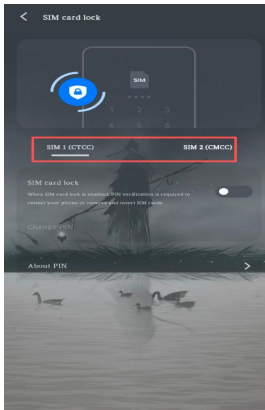
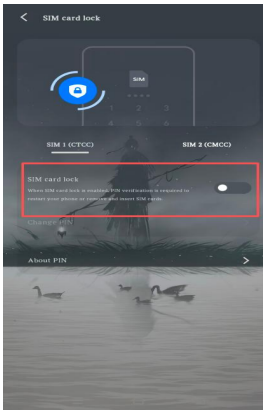
(2) How to Set It Up	(1) Connect the water inlet on the charging station (base station) to a water supply hose (a standard washing machine hose). (2) Position the black flexible hose on the back of the charging station (base station), near the wastewater tank, over the drain outlet. (3) Enable automatic drainage in the app.	
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5.3 Straight-line

(1) Applicable Scenarios	There is running water, and there is a drain on the floor.
(2) How to Set It Up	Before proceeding, disconnect the power supply to the charging station (base station). Unscrew the two screws shown in Figure 1, then disconnect the wire at the location shown in Figure 2 (the pump shown in Figure 3). Finally, place the gray “buffer tank drain pipe” shown in Figure 4 into the drain outlet.
 图一  图二  图三  图四	

Step 5: Internet Settings for Robots(Please skip this step if you are in China)

6.1 Method 1: Data Access via Mini SIM Card

SIM Card Specifications: Mini 4G SIM card (dimensions: 25 × 15 × 0.76 mm)		 Mini SIM卡 2FF标准 25mm*15mm*0.76mm	
Step 1: Insert the SIM card into the phone first to retrieve the APN (For iPhones, you'll need to contact your carrier to obtain the APN.)			
(1) Settings → Dual SIM & Mobile Networks	(2) Select the SIM card to be inserted into the robot	(3) Tap [Access Point Name (APN)]	(4) Take a screenshot of the APN text
			
Step 2: Unlock with PIN			
(1) Tap Settings -> Search	(2) Search for “PIN”	(3)Locate [SIM Card PIN]	(4) Turn off the lock switch
			

Step 3: Insert the SIM card into the robot (The card must be inserted while the battery is disconnected.)

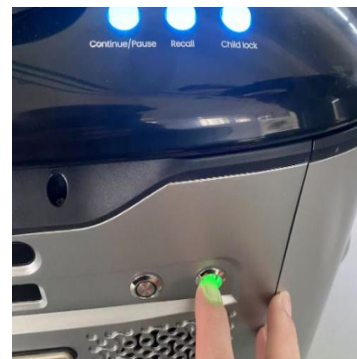
(1) Remove the cover plate on the back of the robot



(2) Insert the card following the direction of the arrow in the card slot

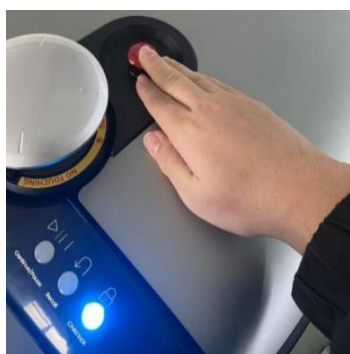


(3) Close the cover and turn on the machine.



Step 4: Enable the robot's Wi-Fi hot spot

(1) Press the red emergency stop button on the top of the robot; then rotate it clockwise until it pops up, **and perform 8 rapid consecutive operations within 10 seconds to release the WiFi connection.**



(2) Search for "clean_robot_xxxx" in your phone's Wi-Fi list and connect using the password: 20201103.



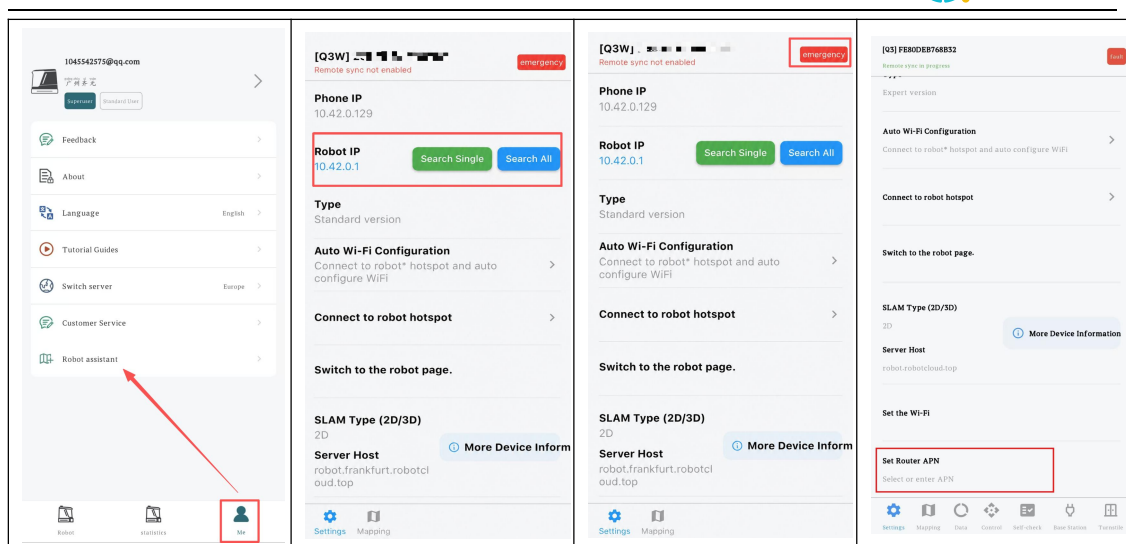
Final step: Configure the APN settings, turn off the device, and restart it,

(1) At the bottom of the app, tap [Me] → [Robot assistant]

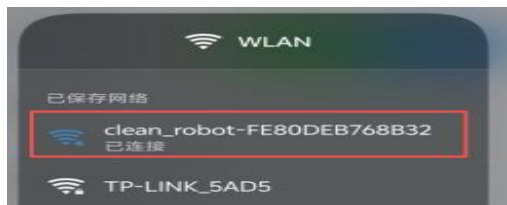
(2) Change the last digit of the robot's IP address to 1;

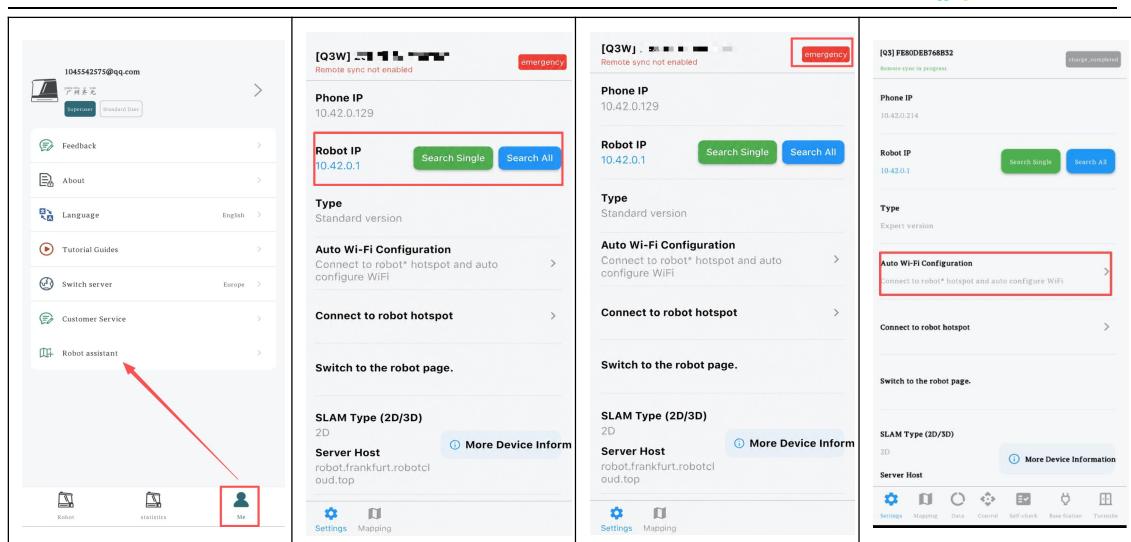
(3) Confirm that the top-left corner of the image displays "Remote not synced," while the top-right corner shows the robot's status.

(4) [Set Router APN], enter the APN you obtained in Step 1; then restart the robot.



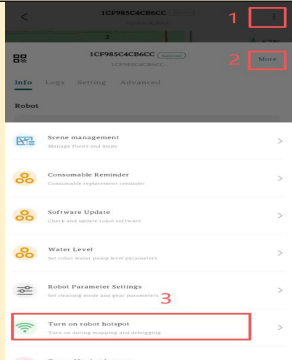
6.2 Option 2: Connect to the on-site Wi-Fi network

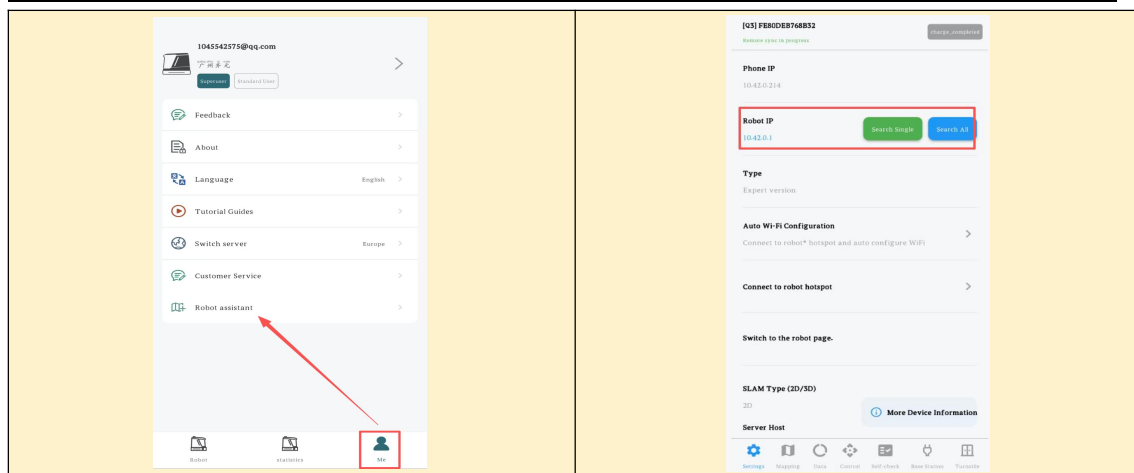
Step 1: Enable the robot's Wi-Fi hot spot			
(1) Press the red emergency stop button on the top of the robot; then rotate it clockwise until it pops up, and perform 8 rapid consecutive operations within 10 seconds to release the WiFi connection.		(2) Search for “clean_robot_xxxx” in your phone's Wi-Fi list and connect using the password: 20201103.	
			
Final step: Enter the on-site Wi-Fi information and save it			
(1) At the bottom of the app, tap [Me] → [Robot assistant]	(2) Change the last digit of the robot's IP address to 1;	(3) Confirm that the top-left corner of the image displays "Remote not synced," while the top-right corner shows the robot's status.	(4) [Auto Wi-Fi Configuration]: Enter the on-site Wi-Fi password and save it; the robot will automatically connect to the local area network.



Step 7: On-site Laser Mapping Operations

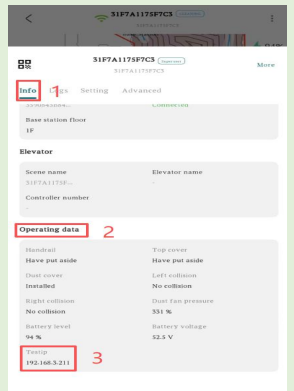
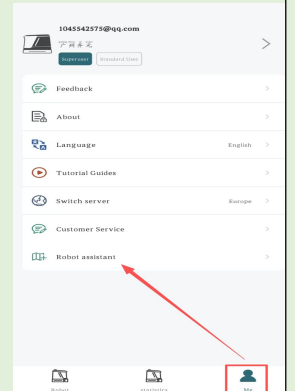
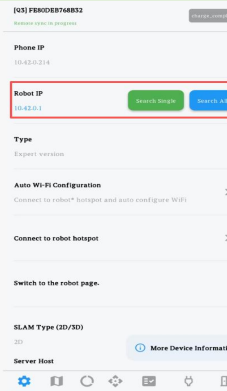
7.1 Preparations Before Mapping—Connecting the Robot

Step 1: Preparations Before Map Creation		
Method 1: Connect via SIM Card		
(1) The robot powers on and remains in charging mode at the base station.	(2) Tap [...] -> [More] -> [Turn on robot hot spot]	(3) Search for in your phone's Wi-Fi list and connect using the password: 20201103.
		
(4) At the bottom of the app, tap [Me] → [Robot assistant]		(5) Change the last digit of the robot IP to 1



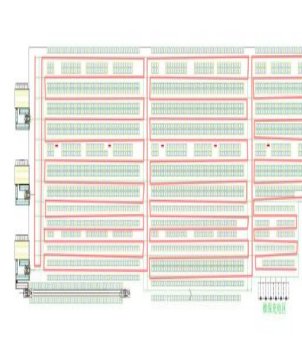
Step 1: Preparations Before Map Creation

Method 2: Connecting via Wi-Fi

(1) The robot powers on and remains in charging mode at the base station.	(2) [info] → [Operating Data] → [Test IP], record this value	(3) At the bottom of the app, tap [Me] → [Robot assistant]	(4) Change the number corresponding to the last digit of the IP address.
			

7.2 Map Creation

Guidelines for Mapping Routes (Key Points: Quick Scanning Within One Hour, Loop Paths)

Scene	Map Creation Path	Illustration
Factories / Warehouses (Long, repetitive aisles; very large areas)	First, drive a small loop around the charging station (base station) to confirm the location → scan a small area inside → drive a large loop around the perimeter to form a closed circuit, ensuring there are no dead ends;	

(1)Open the Map Builder and tap [Create Map] in the lower-left corner.

(2) If “Connected to Server” appears at the top, it means communication is working properly;

(3) Click the blue [Start Mapping] button to begin mapping;

(4) Wait for the black frame to appear before moving the robot (map the environment using the method described in Step 2);

(5) A person stands behind the robot and controls it remotely via the app or manually using a push stick, with a walking speed of ≤ 0.7 m/s, **guiding the robot to complete the entire cleaning process at the site;**

(6) Map Recognition Rules: White = floor area that can be cleaned; Gray = walls / obstacles; Red = charging station (base station) locations; Blue = robot's location;

Note: Do not press the red emergency stop button while mapping is in progress, as this will clear all scan data and require you to start over.



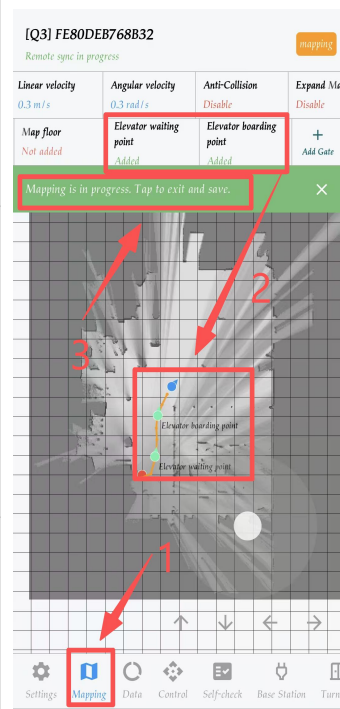
Step 2: Set up the elevator control integration configuration (if an elevator is present)

1. During the map scanning process, you can set up elevator control integration when passing by an elevator. If you forget to add “Elevator Wait Points” and “Elevator Ride Points,” you may need to recreate the map later;

2. Draw two types of way points in the area near the elevator entrance:

Waiting Point: The area where the robot stops while waiting for the elevator (push the robot to a point 0.5 meters from the elevator entrance, then click the [Waiting Point] button to create the waiting point);

3. Elevator Entry Point: The stopping position where the robot enters the elevator car (push the robot to the center of the elevator, then, with the robot facing the elevator doors, click the [Elevator Entry Point] button to set the “Elevator Entry Point”);



Step 3: The Complete Process for Saving a Map

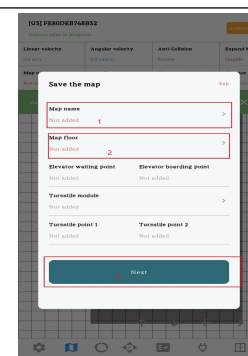
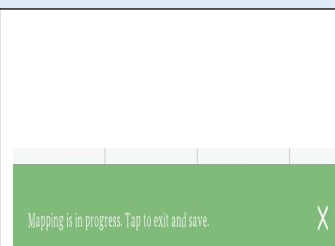
Completion Criteria: The robot must return to the vicinity of the charging station (base station), the map must display every corner of the facility, the passageway outlines must be complete with no gaps, and the [Elevator Waiting Area] and [Elevator Boarding Area] must have been placed as described in Step 5 (if an elevator control system is installed). **Once these conditions are met, you may save the data.**

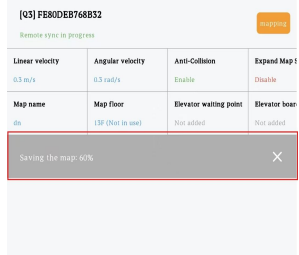
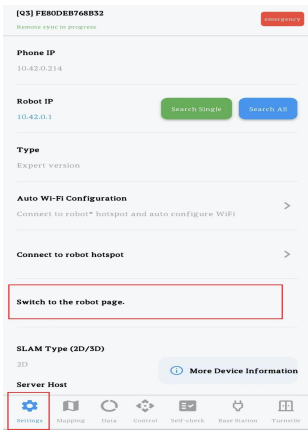
(1) Click [Exit/Save] in the green notification bar

(2) Enter [Map Name]

(3) Fill in the [Map Floor]

(4) Click [Next]



(5) Wait until the background color of the top progress bar changes from gray to green; the map has been saved.	
(6) Click [Switch to the Bot Page] to return to the main screen.	

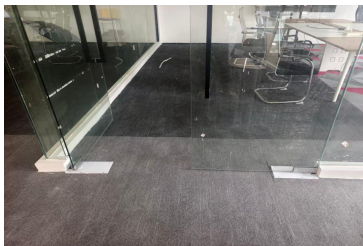
Step 4: Finalizing the Map

Pull the push handle to guide the robot back to the charging station (base station). Once the robot has docked and finished charging, release the push handle to complete the home position calibration. Failure to calibrate the home position may result in the robot getting lost while cleaning or being unable to locate the **charging station (base station)**.

Step 8: Drawing a Virtual Wall (An Invisible Barrier to Isolate Hazardous Areas)

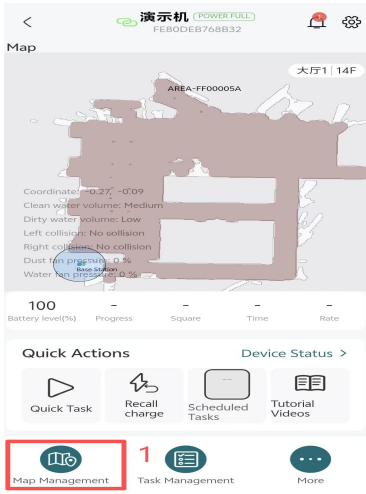
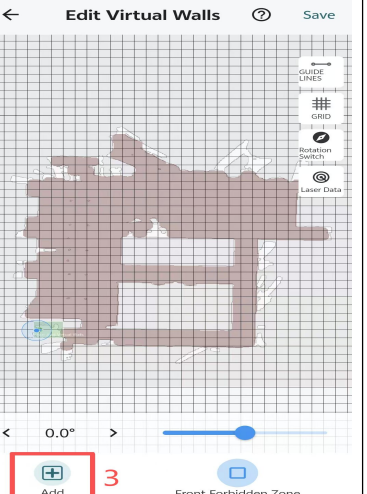
8.1 Virtual Wall Instructions

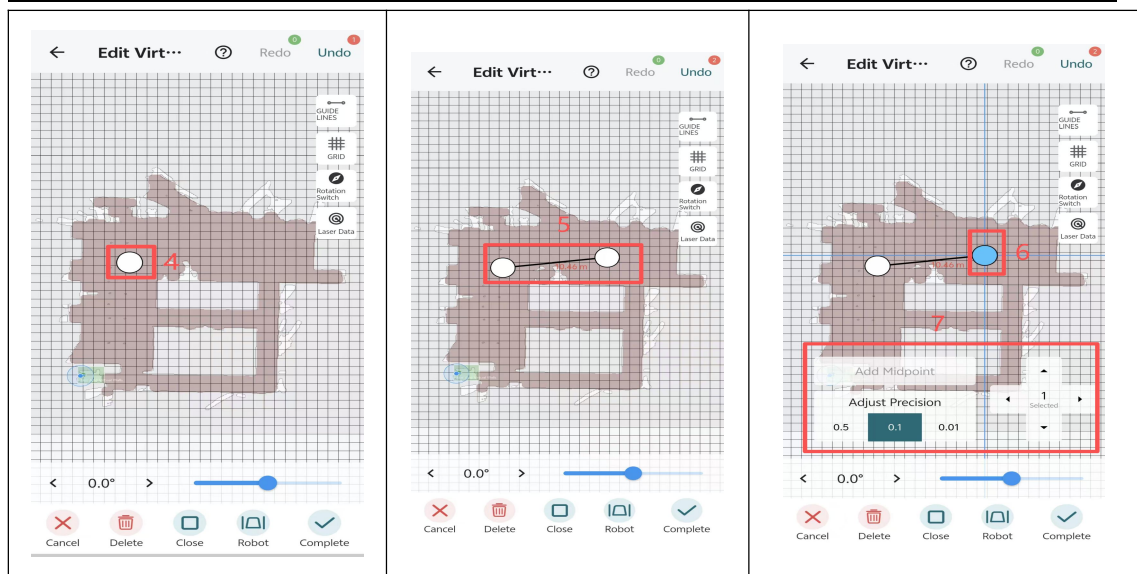
Virtual walls act as invisible boundaries on the map. When the robot detects one, it determines that there is an obstacle ahead and automatically turns around to go around it, preventing collisions and getting stuck. Virtual walls must be set up in the following scenarios:

Transparent Glass Doors and Windows	Large Floor-to-Ceiling Mirror	Floor Outlet
		

Fixed, large-scale equipment	Rooms Off-Limits	Temporary Cargo Storage Area
		
Additional Note: : (1) A virtual wall must surround immovable obstacles. (2) The straight lines of virtual wall mapping can make the generated path straighter, thereby improving cleaning efficiency. (3) The virtual wall surrounding the obstacle must be closed.		

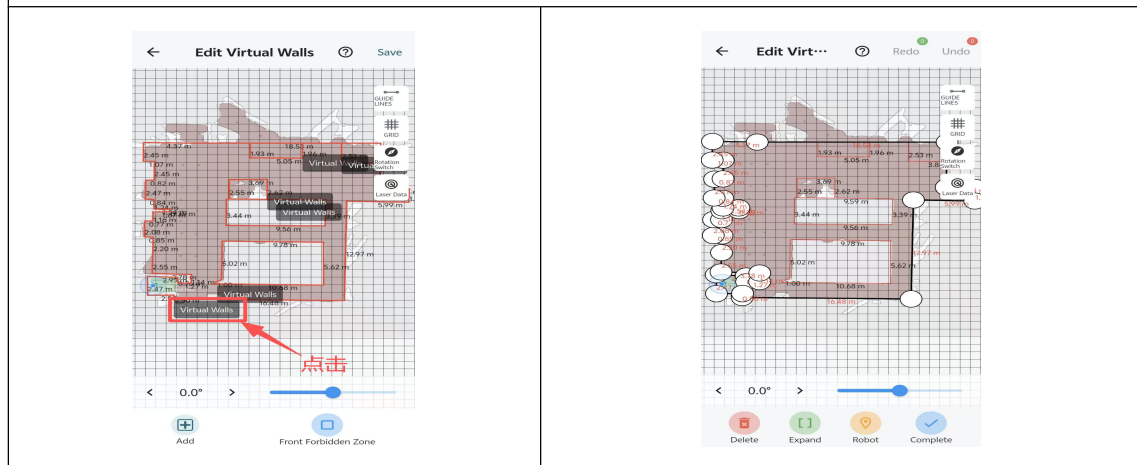
8.2 Steps for Operating a Virtual Wall

(1) Tap [Map Management] in the lower-left corner of the robot's main page.	(2) In the map management interface, tap [Virtual Wall]	(3) Tap [Add] at the bottom, tap the map to create a point, connect two points to form a straight line, or connect multiple points to form a closed area.
		
(4) Tap the screen on your phone to place a point.	(5) Two points can be connected by a straight line.	(6) Click the point you want to fine-tune. When the point turns blue, you can use the arrows shown on the screen to make adjustments.



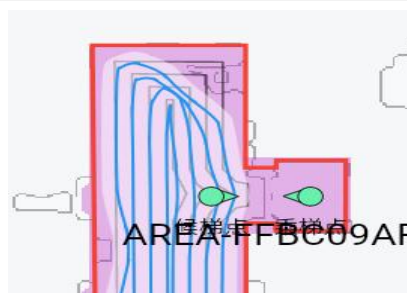
Once you have marked all hazardous areas and areas that do not require cleaning, click [Save] in the upper-right corner.

Note: If you need to edit a saved virtual wall, click on the virtual wall's name and select the corresponding point to make changes.

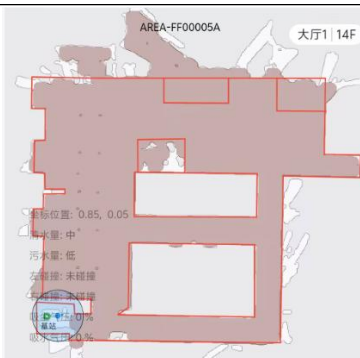


8.3 Elevator Virtual Wall (if an elevator control system is installed)

Elevator Virtual Wall: It must surround the entire elevator and must not touch the [Waiting Area] or [Riding Area]. Save the settings after configuration. Note that you cannot draw a virtual wall at the elevator entrance.



Examples

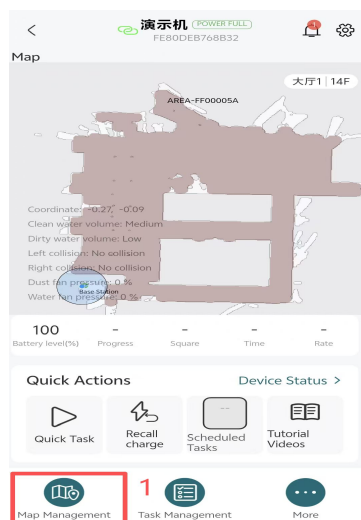
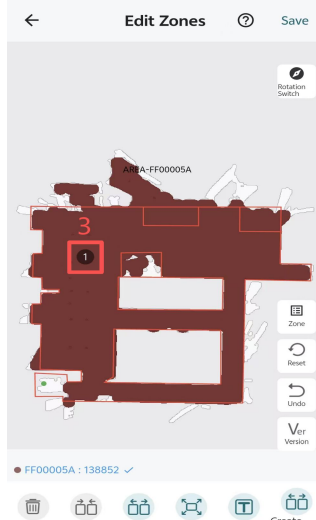
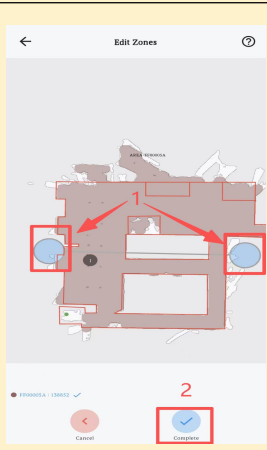
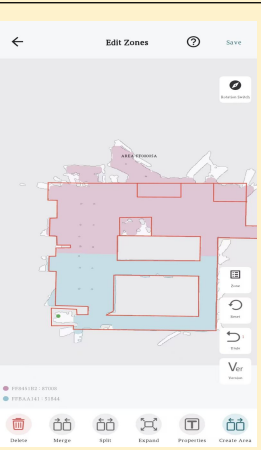
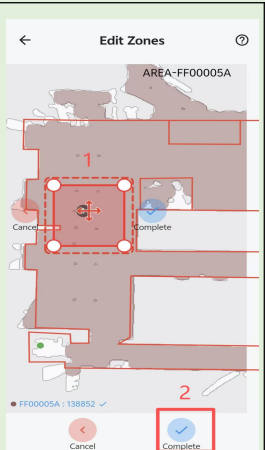
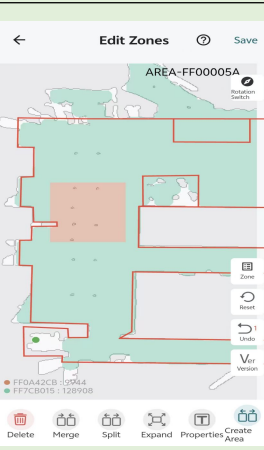
Before drawing a virtual wall:	After drawing the virtual wall:
	

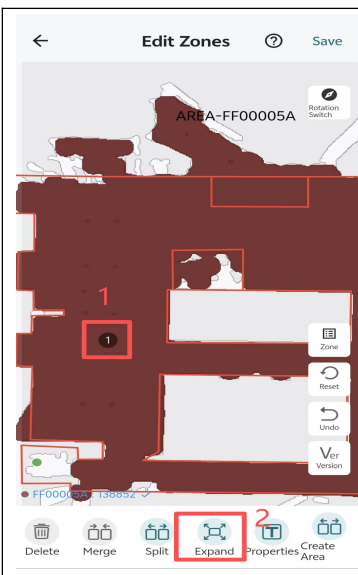
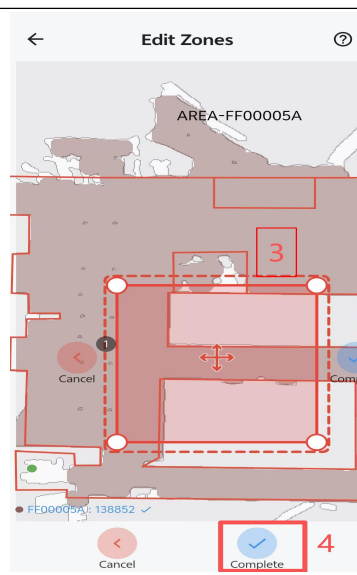
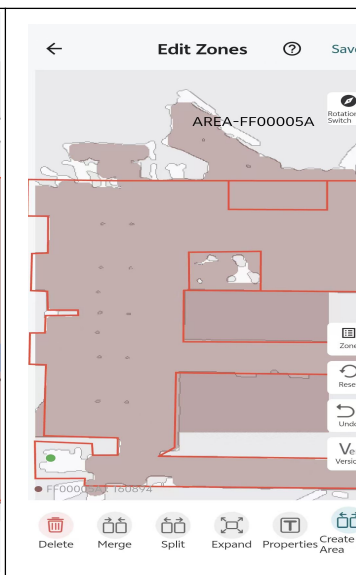
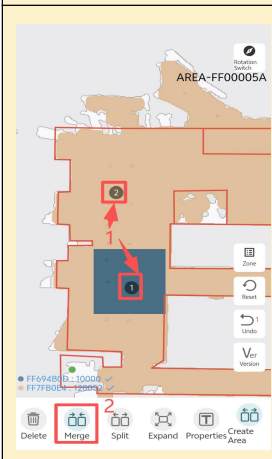
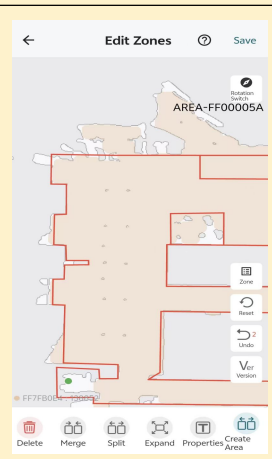
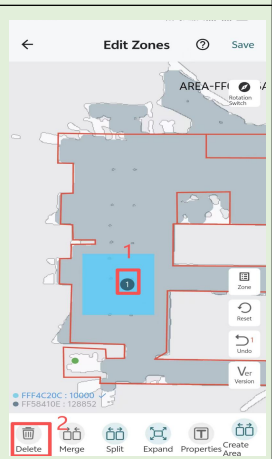
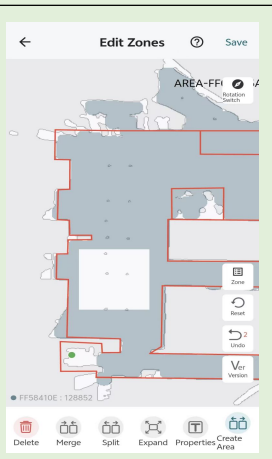
Step 9: Dividing the Area into Sections for Cleaning

9.1 Partition Description

Divide the entire floor into multiple independent zones, each of which can have its own cleaning frequency and route set, eliminating the need for uniform cleaning across the entire area.	
Separate by function	Sweeping only, mopping only, or sweeping and mopping simultaneously; separate functions for different areas
Separate by cleaning frequency	The number of daily cleanings varies by area
Separate by cleaning time	Different areas require different amounts of time to clean, so they should be cleaned separately.
Separated by different cleaning paths	Loop-shaped path Bow-shaped path, custom path; paths for different areas must be separated

9.2 Steps for Partitioning

Select the partition			
(1) On the robot's main page, click [Map Management] in the lower-left corner.	(2)Click [Partition]	(3)By default, areas of the same color on the map represent a single zone. Select the zone.	
			
Feature 1: Split			
Select and Split: On one side of the section, press and hold the screen to drag and draw a split line, then tap “Save” to split it into two parts.	Split by Selection: Drag the box to outline a separate area, then click “Save” to split it into two parts.		
			
Feature 2: Expand (Restore areas that were deleted or optimized during map creation)			
(1)Select a partition → Click [Expand]	(2)Drag and resize the box to cover the desired area	(3)Just click [Save]	

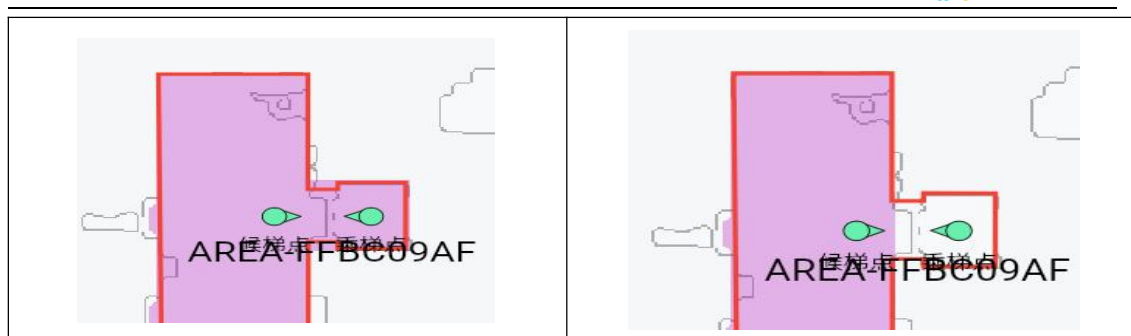
					
Function 3: Merge (Merge adjacent partitions)		Function 4: Delete (Deletes a partition; this area will become non-working space)			
(1)Select two adjacent partitions, then click [Merge].		(2)Just click [Save]		(1)Select a partition, then click [Delete]	
					
					

9.3 Complete Steps for Elevator Zoning (If an Elevator Control System Is Installed)

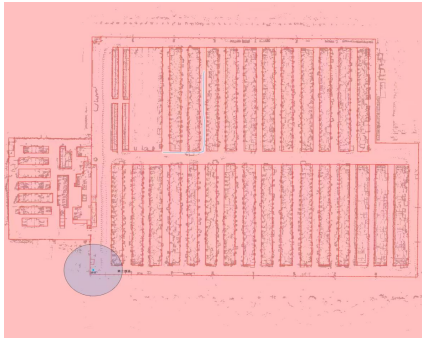
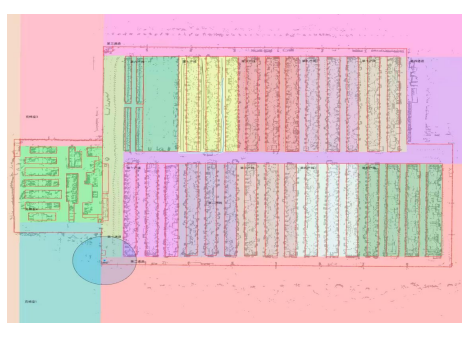
Before the robot uses the elevator, the interior of the elevator must be excluded from the cleaning area. This ensures that the robot will not clean inside the elevator car but will instead wait quietly inside until the elevator reaches the destination floor.

Before partitioning:

After partitioning:



Examples:

Before partitioning:	After partitioning:
	

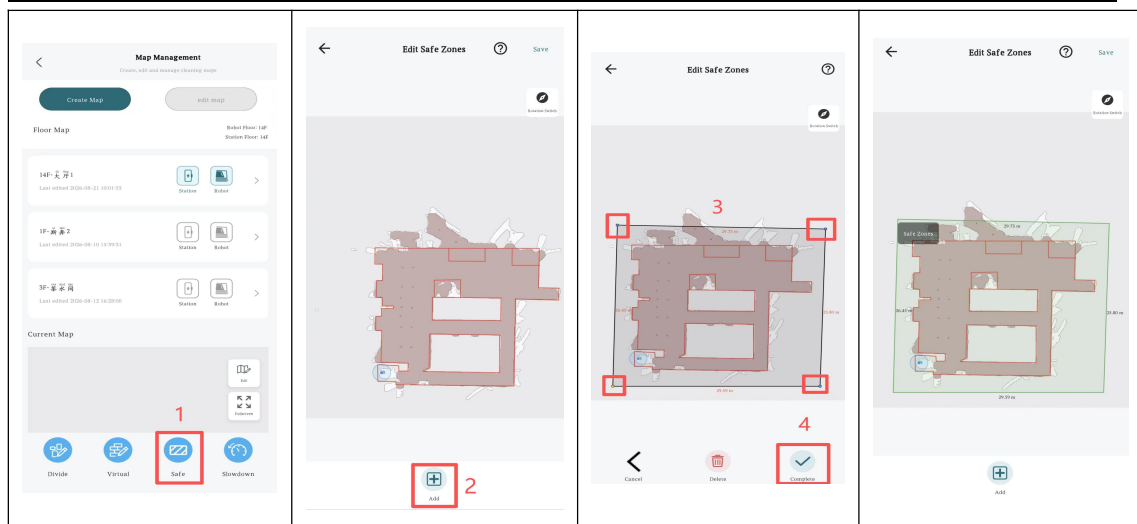
Step 10: Safe Zone Mapping (Removing False Obstacles from the Map)

10.1 Safe Zone Guidelines

Within the green safety zone, the robot will ignore obstacles recorded during mapping and will avoid obstacles based on real-time detection. It will normally detect ground obstacles within the box; however, glass and reflective objects must be protected with virtual walls. **Note: If the [Safety Zone] box covers the entire map, you must draw virtual walls to restrict the cleaning area; otherwise, the cleaning path will ignore all obstacles and cover the entire map.**

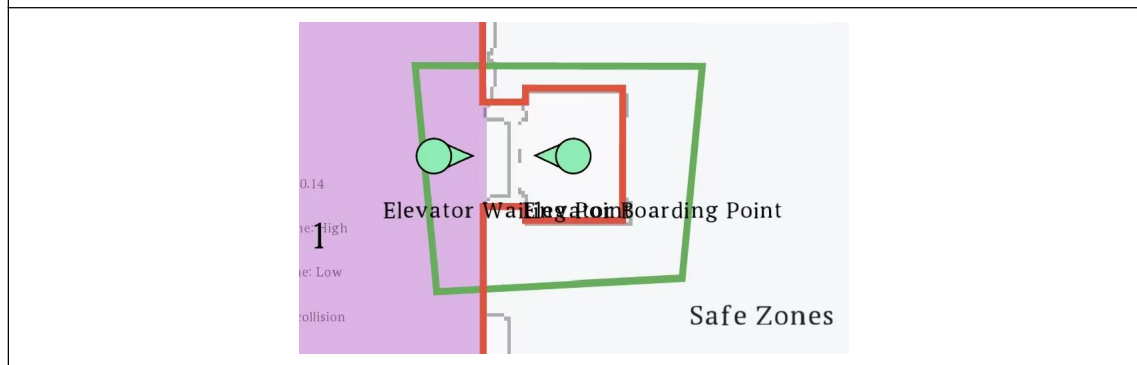
10.2 Safe Zone Operating Procedures

(1)[Map Management] -> [Safe Zone]	(2)Go to the Safe Zone screen and tap [Add].	(3)Tap 4 points within the cleaning area to create a box that completely encloses the entire map.	(4)Click “Done”; the area will turn green, then click “Save” in the upper-right corner.
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10.3 Elevator Safety Zone Layout (When Elevator Control Systems Are Identical)

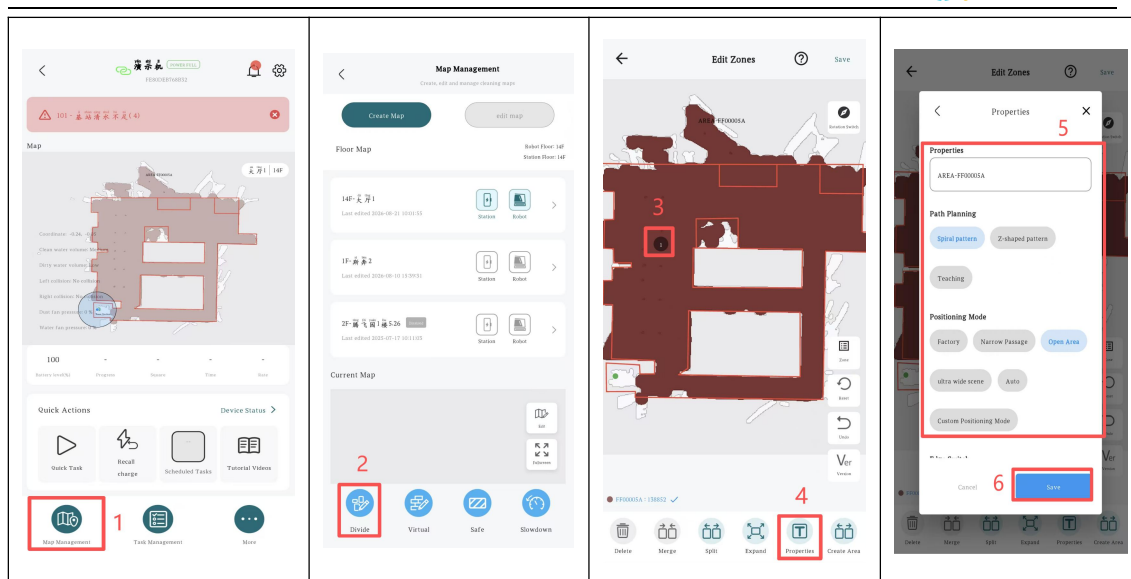
After setting up the cliff exemption zone and the elevator area, you need to add a safety zone. As shown in the figure above, the safety zone should enclose the two deceleration zones.



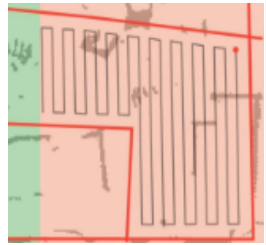
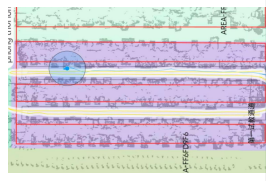
Step 11: Configure Partition Properties

11.1 Partition Attribute Operations

Select the partition			
(1)On the robot's main page, click [Map Management] in the lower-right corner.	(2)Click [Partition]	(3)Select the partition, then click [Properties].	(4)After selecting the desired properties, click [Save]



11.2 Explanation of the Three Cleaning Path Modes

Pattern	Applicable Scenarios	Features	Sample Image
Loop-shaped path	Special areas such as circles and ellipses	Circular route to minimize sharp turns	
Bow-shaped path	Standard Rectangular Area	Straight-line reciprocating motion, even coverage	
Teach-in Path (see Section 11.3 for details)	Narrow, complex areas	User-Defined Cleaning Paths	

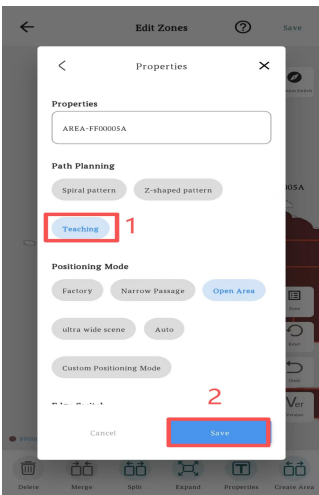
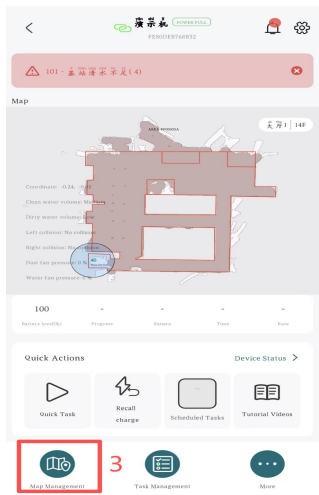
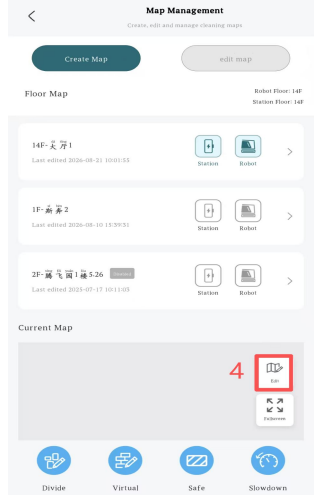
11.3 Explanation of Positioning Modes

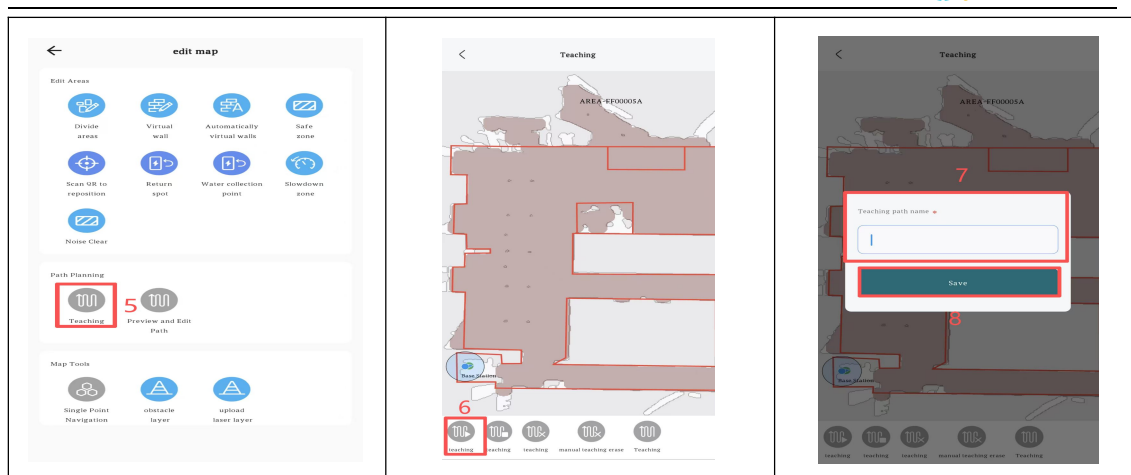
Pattern Name	Key Use Cases
Factory Pattern	Corridors longer than 15 meters, wide, unobstructed scenes wider than 40 meters, dynamic warehouse and production line environments, and narrow aisles
Wide Scene Mode	Indoor environments with a wide variety of obstacles, such as offices, conference rooms, and lobbies, where signal conditions are stable

Pattern Name	Key Use Cases
Auto Mode	Suitable for all scenarios; we recommend prioritizing the two dedicated modes listed above.

11.4 Instructions for Teaching a Path

Note: There are two ways to program the robot: one is manual, custom teaching, and the other is custom editing of cleaning paths on a map;

(1) Select [Teach-in] in the partition properties and save.	(2) Return to the main page, then click [Map Management] to access the map management interface.	(3) On the map screen, tap the [Edit] button
		
Feature 1 [Teach-in]: Manually guide the robot to create a custom cleaning path (for greater accuracy)		
(1) Click the [Teach] button to open the custom teach path interface.	(2) Move the robot to the area where you want to customize the path, then click [Start Teaching].	(3) Name the teaching path



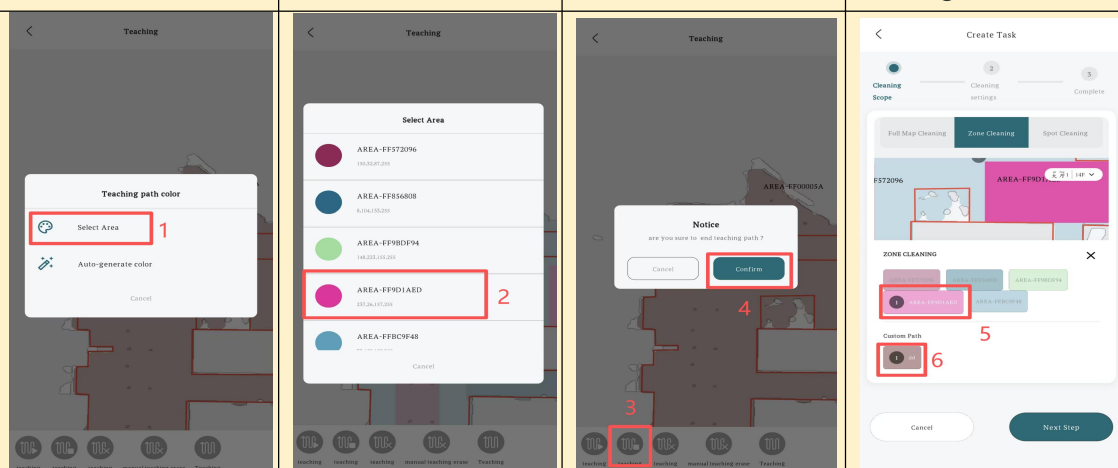
[Select Zone]: Teaching paths can only be programmed within the zone where the robot is currently located; they cannot extend into other zones.

①Click [Select Zone] to select a teaching zone.

②After selecting a partition, you can set up a teach-in task for that partition here.

③Pull up the push rod, guide the robot along the route that needs to be cleaned, and then click [End Teaching] to save.

④Once complete, when assigning the task, select the zone chosen during teaching, and the robot will clean along the path it followed during teaching.



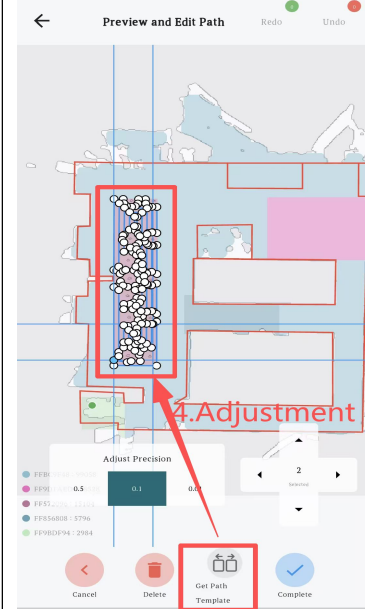
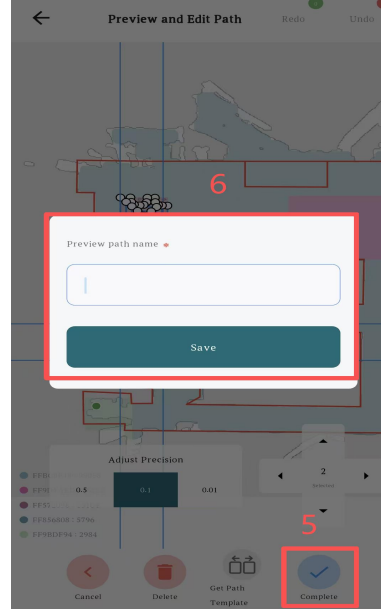
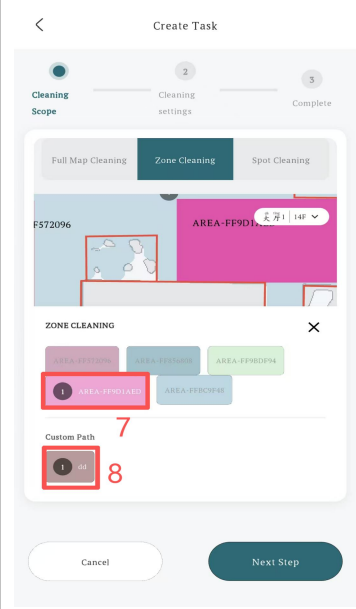
[Automatically Generate Colors]: The taught path constitutes a single zone and can span multiple zones.

①After clicking [Automatically Generate Colors] and completing the teaching process, the taught path will be designated as a

②Pull up the push rod, guide the robot along the route that needs to be cleaned, and then click [End Teaching] to save.

③After the teaching path is complete, when assigning a cleaning task, select the zone named during the teaching process, and the robot will

separate zone.		clean along the path taught during the teaching process.
Feature 2 [Preview and Edit Paths]: You can edit custom paths directly on the map without having to manually teach the path.		
(1) Click the [Preview and Edit Path] button to open the custom path editing interface.	(2) Click the [Edit Custom Path] button	(3) Method 1: Tap two random locations on the map to create a line between them. Press and hold a “point” to drag and move the line segment. Once you've planned your route, tap “Save.”
Method 2: [Obtain a Planning Path Template]—You can use	(4) Once you've finished editing, click [Done] and enter a	(5) After customizing the cleaning path, when assigning

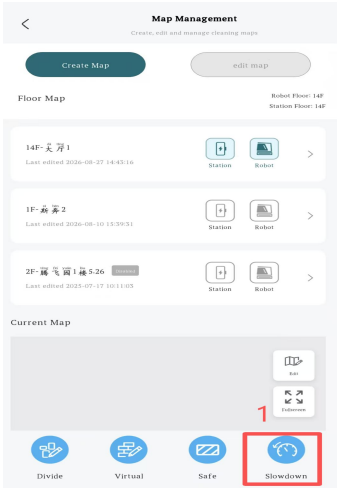
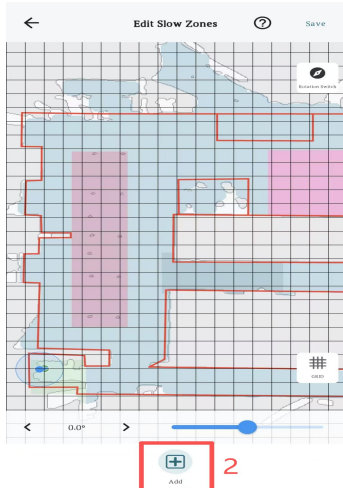
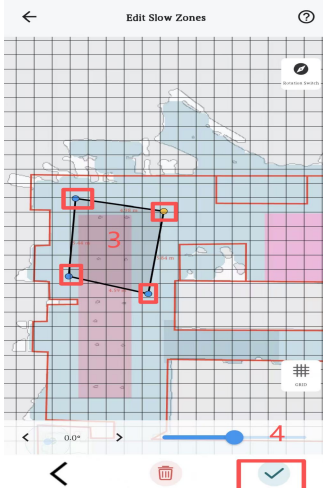
the planning path template generated by the robot and modify and adjust it further based on that template.	name for the custom path.	a cleaning task, select the zone you named when customizing the path, and the robot will clean according to the customized path.
		

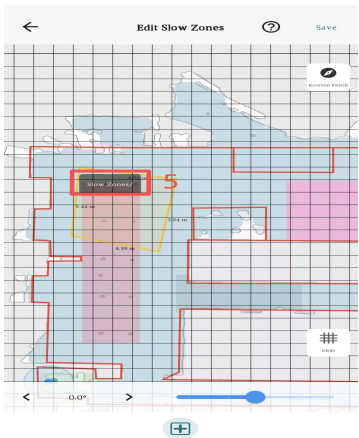
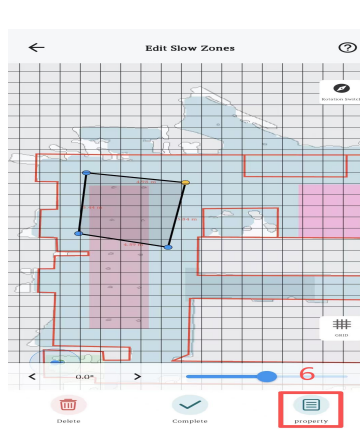
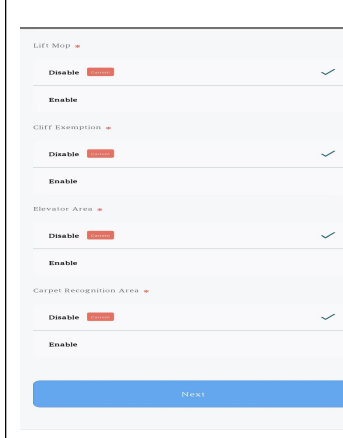
Step 12: Deceleration Zone

12.1 Description of Speed Reduction Zone Attributes

Features	Applicable Scenarios
Deceleration	When crossing bumps, ditches, or bumpy sections, prevent mechanical impact or water leakage
Lift the mop	On uneven surfaces, when crossing curbs, or on tactile paving, avoid getting stuck on curbs or scraping against them
Cliff-Edge Exemption	Gaps in elevator cabins, highly reflective areas, and pure black marble floors (no risk of falling, but may cause misidentification)
Inside the elevator	Determining whether the robot is inside or outside the elevator during cross-floor tasks
Carpet Recognition Zone (Requires AI Recognition)	Detect carpets and navigate around them to protect both the carpet and the machine

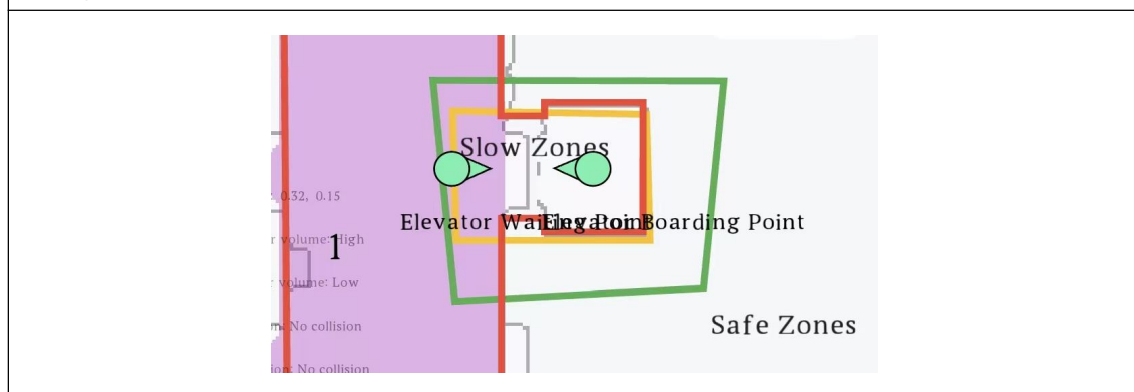
12.2 Procedures for Operating in a Deceleration Zone

(1)Go to the robot map page, click the [Map Management] button, and select [Slow-Speed Zone] in the editing bar.	(2)Click [Add] at the bottom of the page	(3)Click on 3 or more points on the map to create a polygonal speed-reduction zone. When finished, click “Save.”
		

(4)Edit/Select Properties, then click [Slow Zone] inside the black box.	(5)Click [Properties] on the right to return to the editing/selection screen.	(6)You'll need to save it again when you're done.
		

12.3 Elevator Deceleration Zone Configuration (When an Elevator Controller Is Installed)

Cliff Exemption Area: **Must surround the elevator entrance and exit**; once set up, save the configuration.

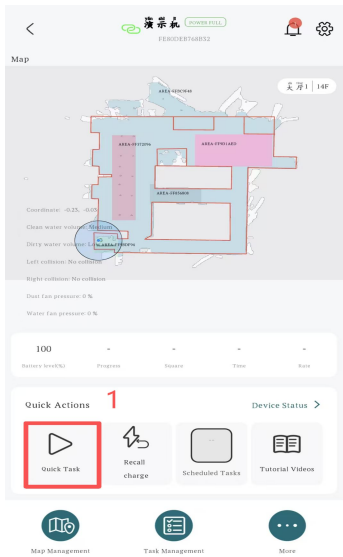
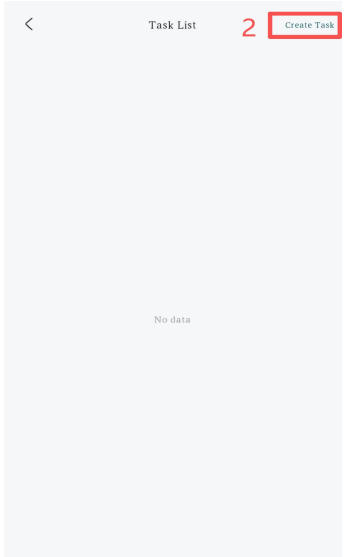
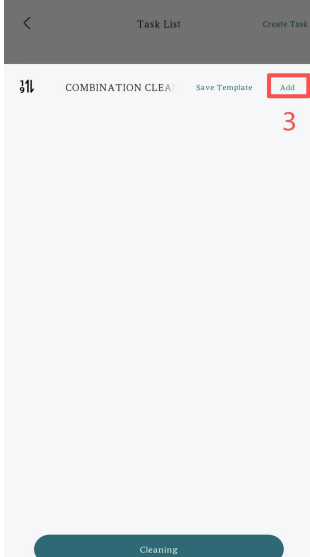
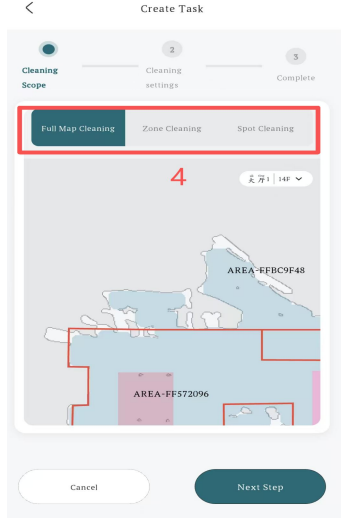
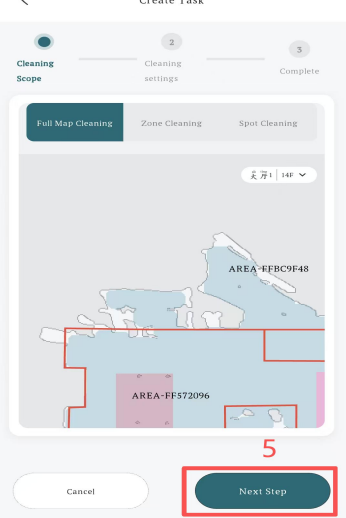
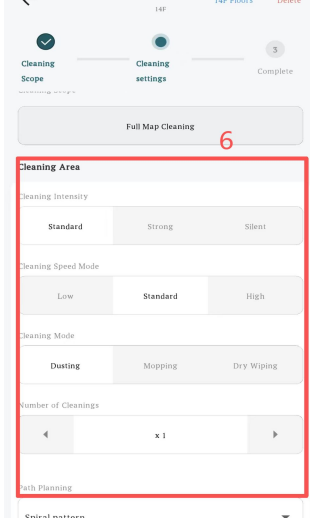


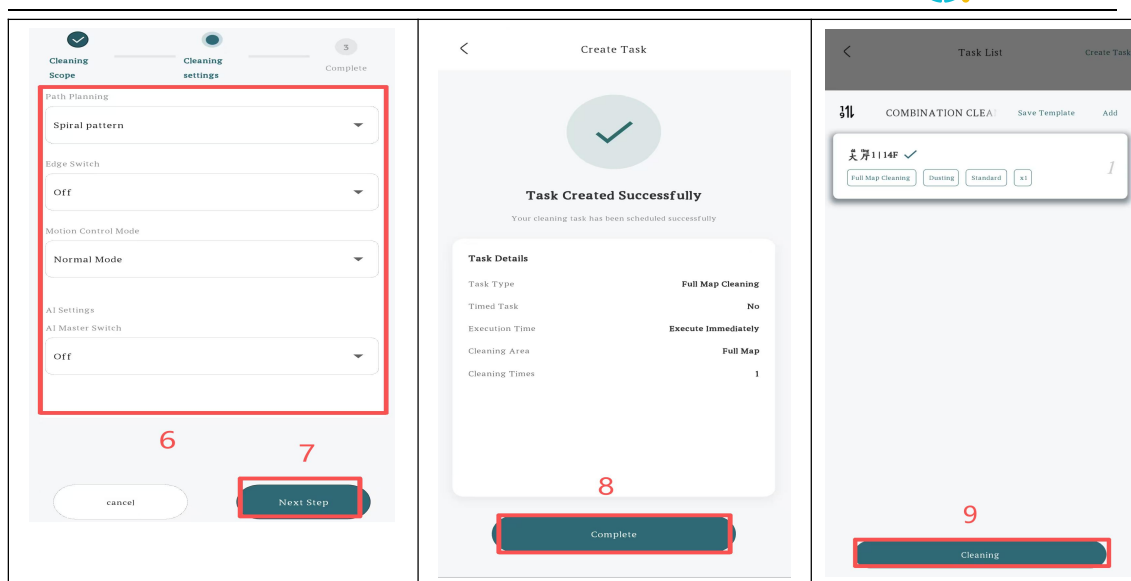
Step 13: Assign Quick Tasks

13.1 Quick Tasks Guide

Quickly assign cleaning tasks; assigned tasks can be saved as templates, so you won't need to reconfigure cleaning parameters for subsequent tasks.

13.2 Quick Task Operations

(1) Click [Quick Tasks]	(2) Click [Create Task]	(3) Click [Add]
		
(4) Select Cleaning Area	(5) Click [Next]	(6) Configure Cleaning Test
		
(7) Once the configuration is complete, run the cleaning test and click [Next].	(8) Click [Done]	(9) Click [Clean] to start the cleaning task



Step 14: Set up scheduled tasks and scheduled power on/off

14.1 Feature Description

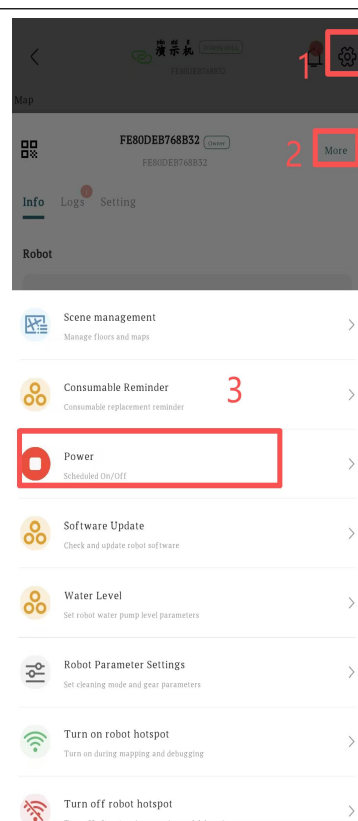
Scheduled Tasks: Schedule a task for the robot while it is in standby or charging mode; the cleaning task will automatically run at the set time.

Note:

1. If the robot is already performing a task when a scheduled task begins, the scheduled task will not take effect.
2. When the scheduled task reaches its end time, the robot will stop the task and return to charge, even if the task has not been completed.

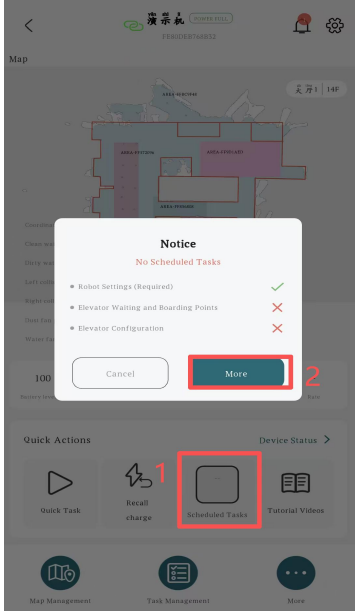
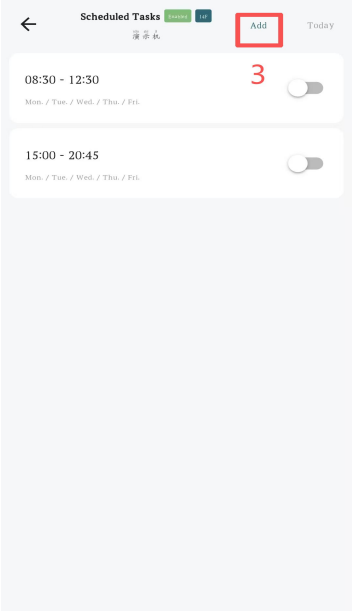
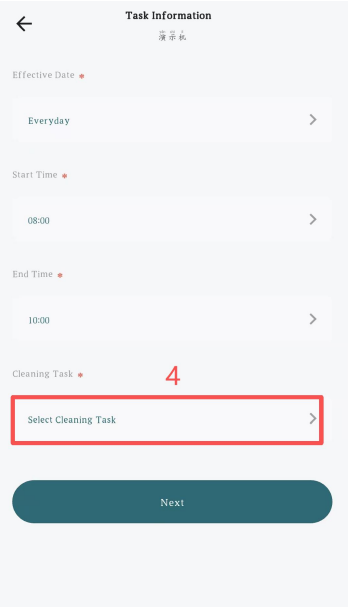
Scheduled Power On/Off: While the robot is online, configure the power-on and power-off settings; the robot will power on or off at the specified time.

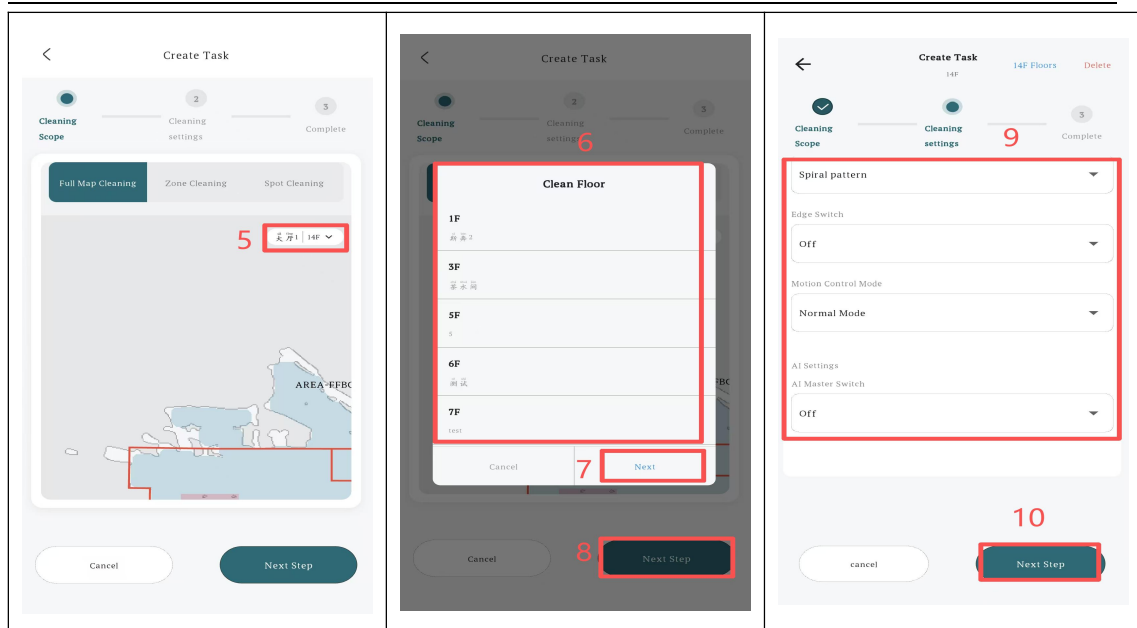
Note: Power-on/off settings configured while the robot is powered off are invalid; they must be configured while the robot is powered on.



14.2 Steps for Setting Up Scheduled Tasks

Scheduled Tasks: Schedule a task for the robot while it is in standby or charging mode; the cleaning task will automatically run at the set time.

(1) On the main page, tap [Scheduled Tasks] > [More]	(2) On the Scheduled Tasks screen, tap [Add]	(3) On the task information screen, select the time and mode you want to run.
		
(4) On the floor interface, tap a floor to enter the floor selection screen (this option is available if a stair access control system is installed; otherwise, you must first switch to the corresponding map and then proceed to Step 6).	(5) Select the floor(s) to be cleaned, then click “Next” when finished (optional if a stair access control system is installed).	(6) Configure the cleaning settings, then click Next.



Precautions for Daily Use & Simple Troubleshooting

1. Maps, virtual walls, zones, and paths are set up once and remain in effect permanently; there is no need to reconfigure them if the layout of the venue—including walls and shelves—remains unchanged;
2. Daily Cleaning: Tap [Clean] on the robot's home screen in the app, and the robot will automatically clean along its zone-based route.
3. After cleaning is complete, the robot automatically returns to the charging station (base station) to refill water, drain waste, and recharge.
4. Do not move charging stations (base stations) without authorization. If a charging station (base station) is moved and cannot be returned to its original location, it must be remapped and repositioned.
5. Symptoms: The robot gets lost, cannot find the charging station (base station), and frequently collides with walls. Troubleshooting steps: ① Check if the charging station (base station) has been moved. ② Virtual wall is missing → If the issue cannot be resolved, contact after-sales technical support.