

3i P10 Ultra

3i P10 Ultra Robot Vacuum and Mop Combo Instruction Manual

Model: P10 Ultra

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your 3i P10 Ultra Robot Vacuum and Mop Combo. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is for household use only.

- Do not allow children to operate the robot. Supervise children and pets when the robot is operating.
- Ensure the power voltage matches the rating label on the charging dock.
- Do not use the robot on wet surfaces or in areas with standing water.
- Remove loose cables, small objects, and fragile items from the cleaning path before operation.
- Do not use the robot to pick up large or sharp objects, flammable materials, or liquids.
- Only use manufacturer-specified accessories and replacement parts.
- If the power cord is damaged, it must be replaced by the manufacturer or a qualified service agent to avoid hazards.

3. PRODUCT OVERVIEW

3.1 Included Components

The package includes the following items:

- 1 x Robot Vacuum
- 1 x Base Station
- 2 x Mop Pads
- 2 x Side Brushes
- 1 x 800ml Cleaning Solution

- 1 x Detachable Base
- 1 x Power Cord
- 1 x User Manual

What's in the Box

1. Base Station
2. Robot
3. Mop × 2
4. Side Brush
5. Cleaning Solution
6. Detachable Base
7. Power Cord
8. User Manual



Figure 3.1: Contents of the 3i P10 Ultra package.

3.2 Robot Vacuum Features

- **UltraReach Mop:** The auto-extending mop system cleans edges and corners thoroughly. Dual mops spin at 220 RPM for effective stain removal.
- **18,000 Pa Suction:** Provides powerful suction for deep cleaning on various floor types, including carpets and hard floors. Features smart carpet detection to boost suction and lift mops.
- **All-in-One Automated Station:** Offers automatic hot-water mop washing, hot air drying, solution adding, and hands-free dust collection for up to 70 days.
- **Advanced Navigation:** Utilizes LiDAR for 3D mapping, dual 3D structured light, and an AI camera for obstacle avoidance, threshold crossing, and collision resistance.
- **AI-Powered DirtScan:** Identifies over 100 household objects and messes, adapting cleaning methods for optimal results, even in low light conditions.
- **Hair Management:** Equipped with anti-tangle brushes and a TangleCut blade to prevent hair from wrapping around components.
- **Smart Route Planning:** Learns home layouts for efficient cleaning routes. Supports scheduled cleaning, no-go zones, and app control. Compatible with Alexa and Google Assistant.
- **Wi-Fi Connectivity:** Supports both 2.4G and 5G Wi-Fi networks.



Figure 3.2: Top view of the 3i P10 Ultra Robot Vacuum.



Figure 3.3: The 3i P10 Ultra Base Station.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove all components from the packaging.
2. Choose a suitable location for the base station. Ensure it is placed against a wall, on a hard, level surface, with at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front. Avoid areas with direct sunlight or strong Wi-Fi interference.
3. Connect the power cord to the base station and plug it into a power outlet.

4.2 Robot Preparation

1. Install the side brushes by pressing them into their slots until they click.
2. Attach the mop pads to the mop holders on the robot.
3. Place the robot onto the base station to charge. Ensure the charging contacts align. The robot will announce its charging status.

4.3 App Installation and Connection

1. Download the 3i app from your mobile device's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create an account and add your 3i P10 Ultra robot.
3. Ensure your phone is connected to a 2.4GHz or 5GHz Wi-Fi network during the pairing process.

5. OPERATING INSTRUCTIONS

5.1 Initial Cleaning and Mapping

For the first use, allow the robot to complete a full cleaning cycle to create a map of your home. This map is crucial for advanced features.

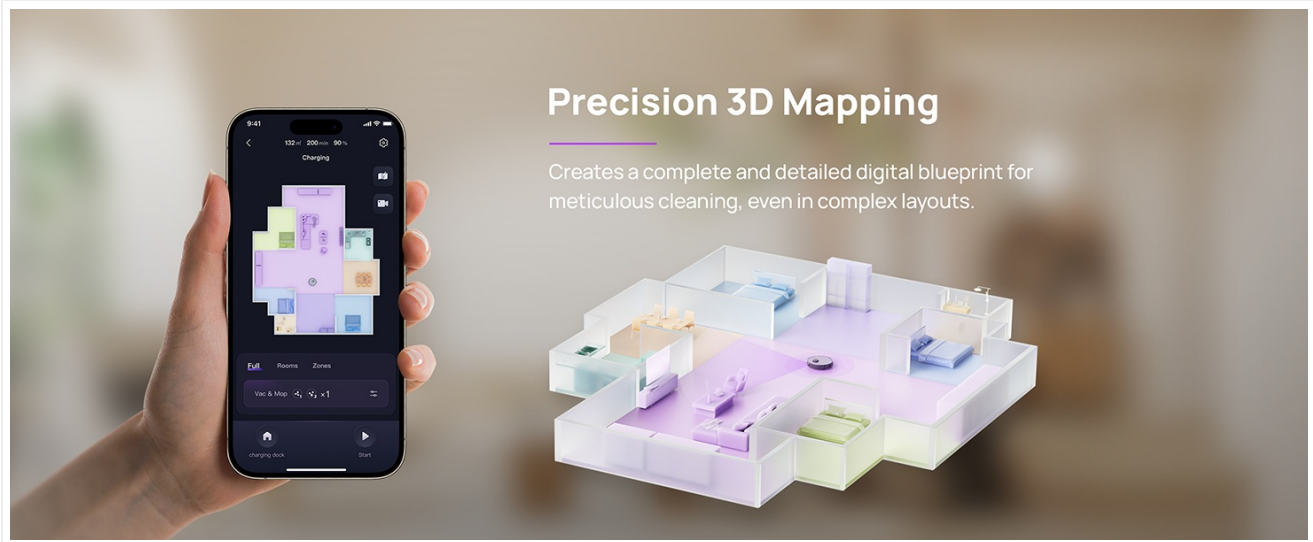


Figure 5.1: Precision 3D Mapping in the 3i App.

5.2 Starting a Cleaning Cycle

- **Via Robot:** Press the power button on the robot once to start or pause cleaning.
- **Via App:** Open the 3i app, select the desired cleaning mode (Vacuum, Mop, Vac & Mop, AI Auto, Custom), and tap 'Start'.
- **Via Voice Control:** Use compatible voice assistants (Alexa, Google Assistant) with commands like "Hey Google, start vacuuming."

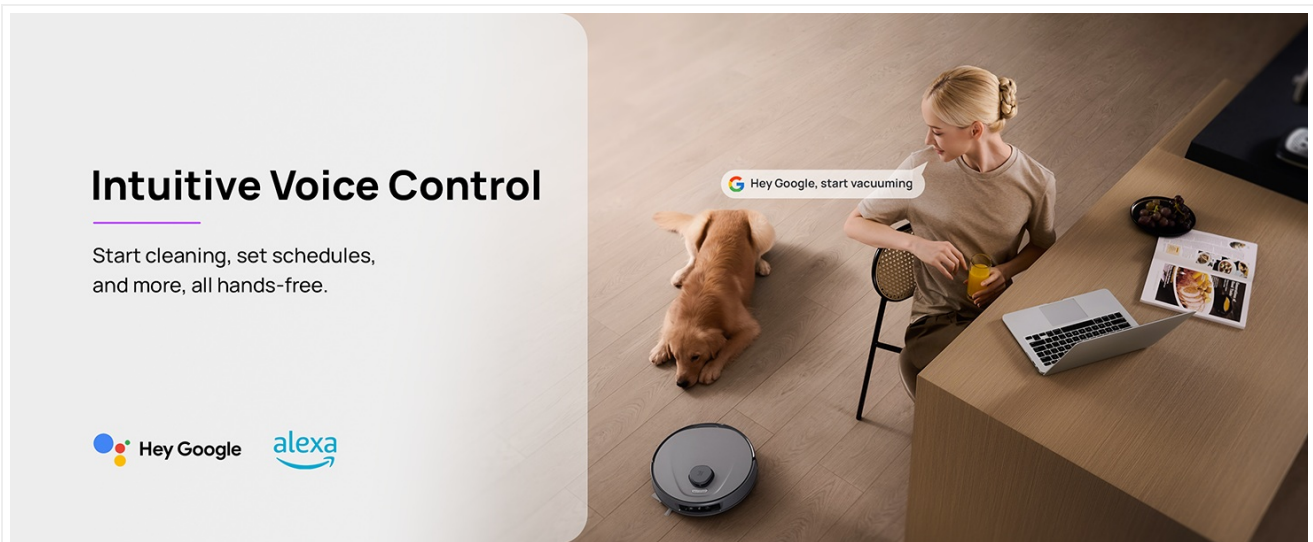


Figure 5.2: Using voice control to operate the 3i P10 Ultra.

5.3 App Features

The 3i app provides extensive control and customization options:

- **Cleaning Settings:** Schedule cleaning, select rooms, set no-go zones, customize carpet cleaning.
- **Map Settings:** View 3D maps, quick mapping, multi-floor maps, edit rooms and furniture.

- **Station Settings:** Customize dust collection, mop washing, auto-drying, and TangleCut.
- **Other Settings:** Do Not Disturb mode, Smart Route Planning, Pet Recognition, Child Lock.

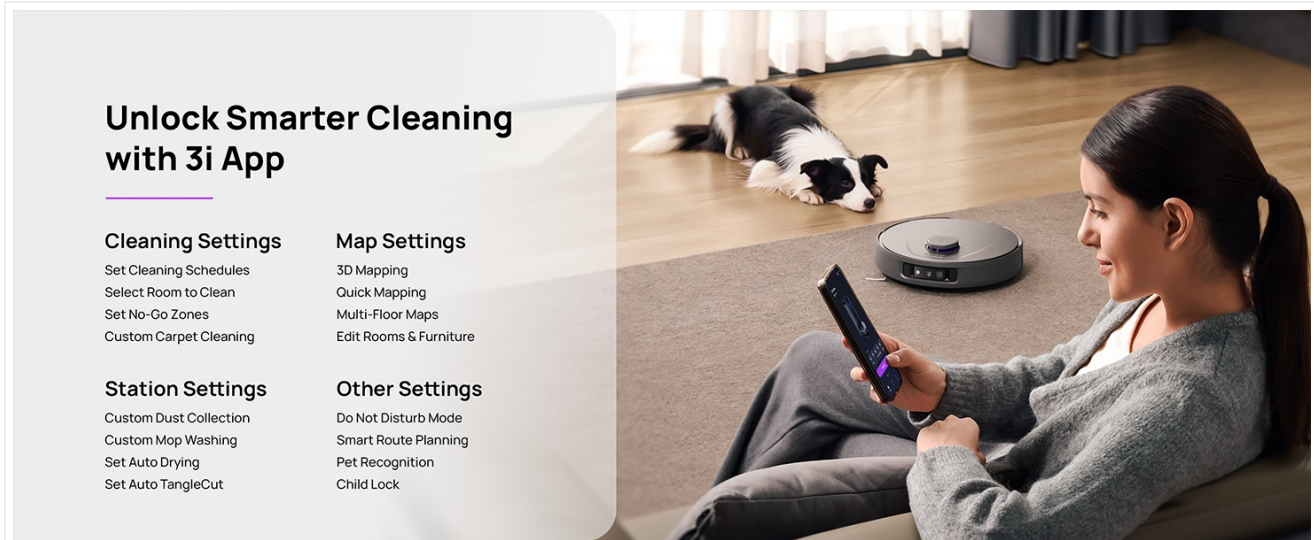


Figure 5.3: The 3i App interface for smart cleaning.

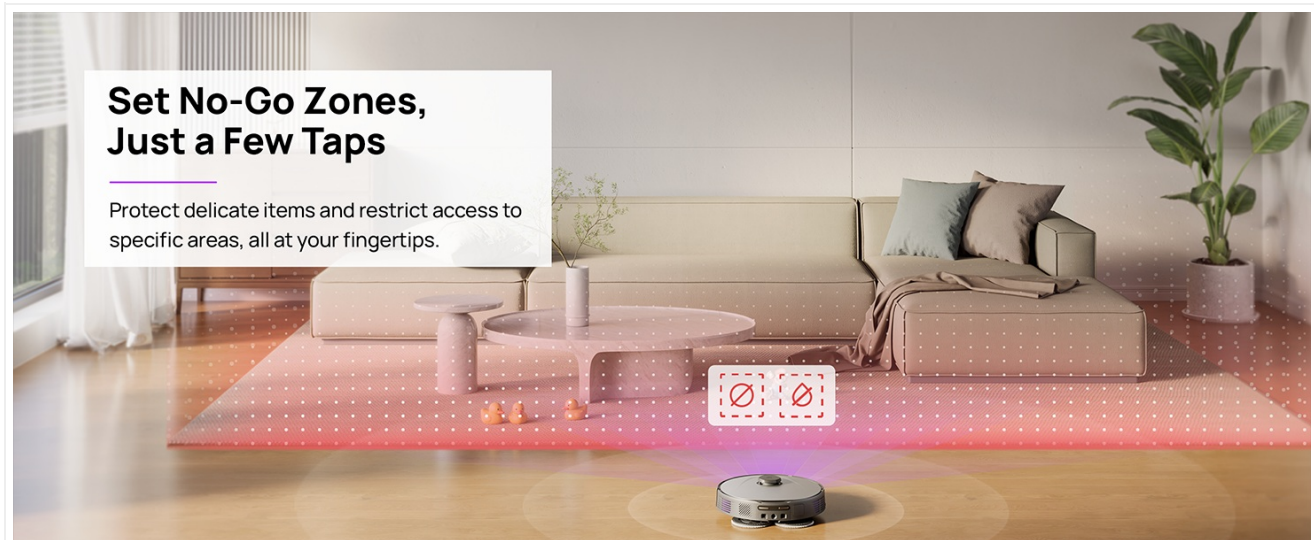


Figure 5.4: Setting No-Go Zones in the 3i App.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your 3i P10 Ultra.

6.1 Base Station Maintenance

- **Dustbin Emptying:** The base station automatically empties the robot's dustbin into a 3L bag. Replace the dust bag approximately every 70 days, or as indicated by the app.
- **Mop Washing and Drying:** The base station automatically washes mop pads with 140°F / 60°C hot water and dries them with hot air (131°F / 55°C) after each cleaning cycle. Ensure the clean and dirty water tanks are properly installed.
- **Water Tank Refilling:** The extra-large 4L clean water tank automatically refills the robot. Refill the clean water tank as needed. The base station also collects dirty water into a separate wastewater tank. Empty the wastewater tank regularly.



Figure 6.1: Automatic dustbin emptying at the base station.

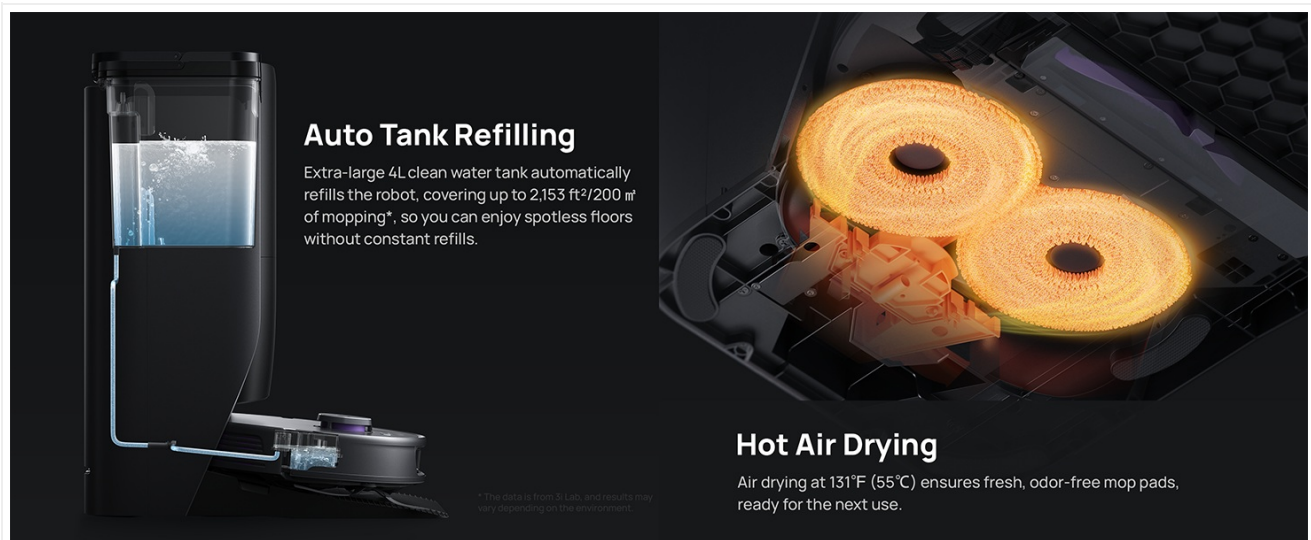


Figure 6.2: Auto tank refilling and hot air drying process.

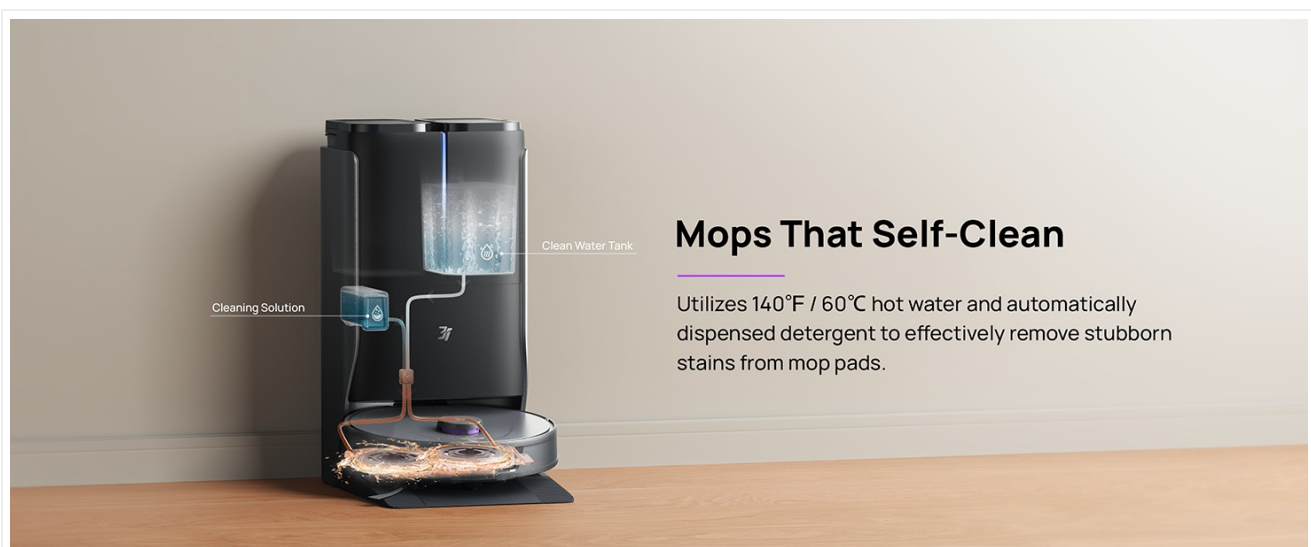


Figure 6.3: Mop self-cleaning function.

6.2 Robot Component Maintenance

- **Main Brush:** Regularly check the main brush for tangled hair or debris. Use the cleaning tool provided to remove any obstructions. The TangleCut blade helps prevent excessive tangling.

- **Side Brushes:** Inspect side brushes for wear or damage. Clean them periodically and replace if necessary.
- **Mop Pads:** Although self-cleaned, inspect mop pads for excessive wear or stubborn stains. Replace them when their cleaning effectiveness diminishes.
- **Filter:** The filter is washable. Remove and rinse it under running water. Allow it to air dry completely before reinstalling.
- **Sensors:** Wipe all sensors (LDS, anti-drop, wall-following, charging contacts) with a clean, dry cloth to ensure proper function.

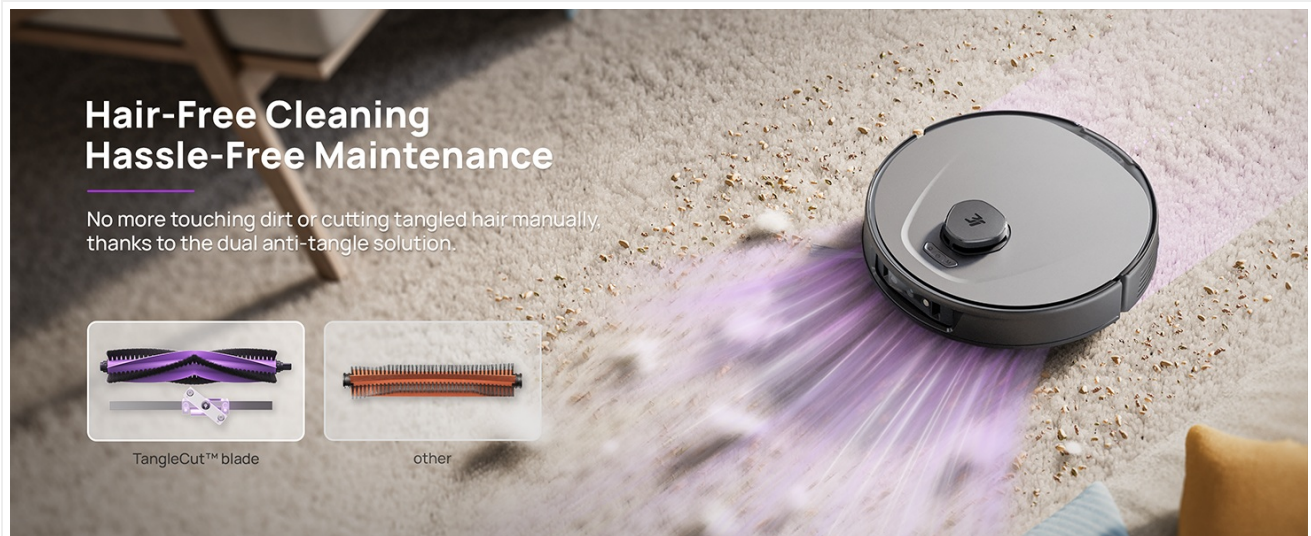


Figure 6.4: Hair-free cleaning with anti-tangle design.

7. TROUBLESHOOTING

If you encounter issues with your 3i P10 Ultra, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|----------------------------------|--|--|
| Robot does not turn on. | Low battery; Power button not pressed correctly. | Place robot on charging dock; Press and hold power button for 3 seconds. |
| Robot cannot find charging dock. | Dock is obstructed or too far; Poor Wi-Fi signal. | Ensure dock is in an open area; Check Wi-Fi connection. |
| Cleaning performance is poor. | Dustbin full; Brushes tangled; Filter clogged; Mop pads dirty. | Empty dustbin; Clean brushes; Clean/replace filter; Clean/replace mop pads. |
| Robot gets stuck frequently. | Obstacles on floor; Sensors dirty. | Clear floor of obstacles; Clean all sensors. |
| App connection issues. | Incorrect Wi-Fi password; Router issues; Robot offline. | Verify Wi-Fi password; Restart router; Restart robot; Re-pair device in app. |

For further assistance, please refer to the 3i app's help section or contact customer support.

8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature | Detail |
|------------------------------|--|
| Brand | 3i |
| Model Name | 3i P10 Ultra Robot Vacuum |
| Product Dimensions (Robot) | 13.78"L x 13.78"W x 3.94"H |
| Product Dimensions (Station) | 12.2"L x 18.43"W x 23.39"H |
| Item Weight | 37.3 pounds |
| Battery Life | 180 minutes |
| Filter Type | Washable |
| Surface Recommendation | Carpet, Marble, Wood, Tile |
| Suction Power | 18,000 Pa |
| Navigation System | LDS LiDAR, Dual 3D Structured Light, AI Camera |
| Wi-Fi Support | 2.4G and 5G |

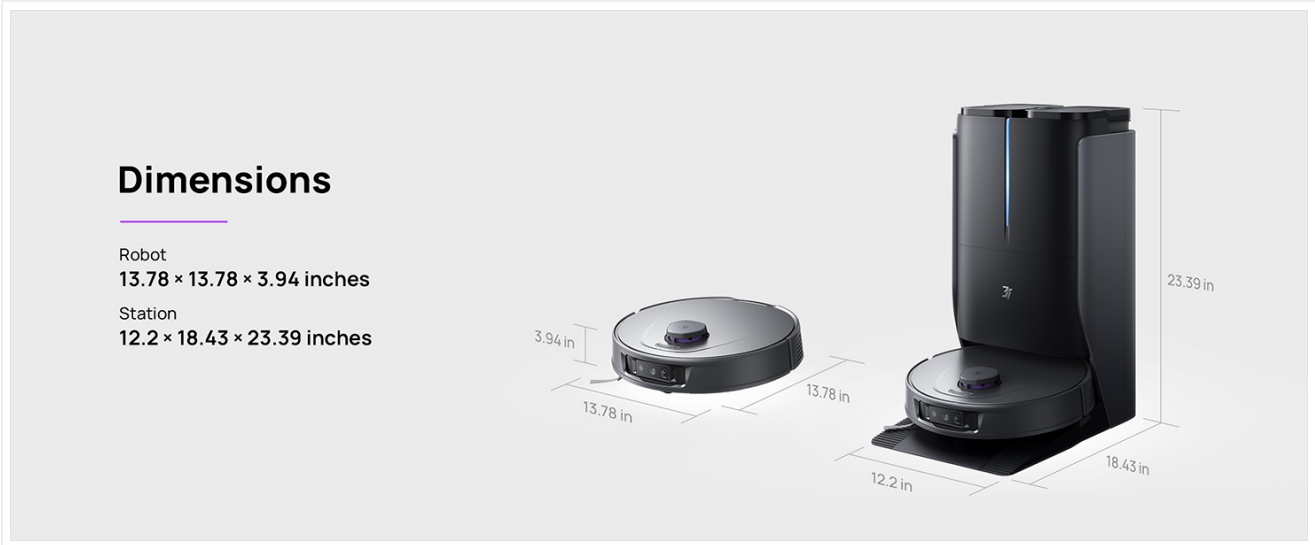


Figure 8.1: Dimensions of the 3i P10 Ultra Robot and Base Station.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official 3i website. For technical support, troubleshooting beyond this manual, or to inquire about replacement parts, please contact 3i customer service through the contact information provided on their official website or within the 3i app.