

360 S10

360 S10 Robot Vacuum and Mop User Manual

Model: S10 | Brand: 360

INTRODUCTION

The 360 S10 Robot Vacuum and Mop is an advanced cleaning device designed to automate floor maintenance. Featuring AI-powered 3D Vision and hidden LiDAR navigation, it offers efficient vacuuming and mopping capabilities for various floor types. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your 360 S10.

SETUP

1. Unboxing and Components

Carefully remove all components from the packaging. Ensure all items listed below are present:

- 360 S10 Robot Vacuum and Mop
- Charging Dock
- Power Adapter (with multiple plug types for global use)
- Mop Pad (x2)
- Water Tank (520ml capacity)
- Dustbin (500ml capacity, pre-installed)
- Cleaning Tool (for brush maintenance)
- Instruction Guide (this manual)

Efficient Obstacle Avoidance

Trinocular built-in LiDARs provide navigation for three-dimensional obstacle avoidance¹⁰⁰

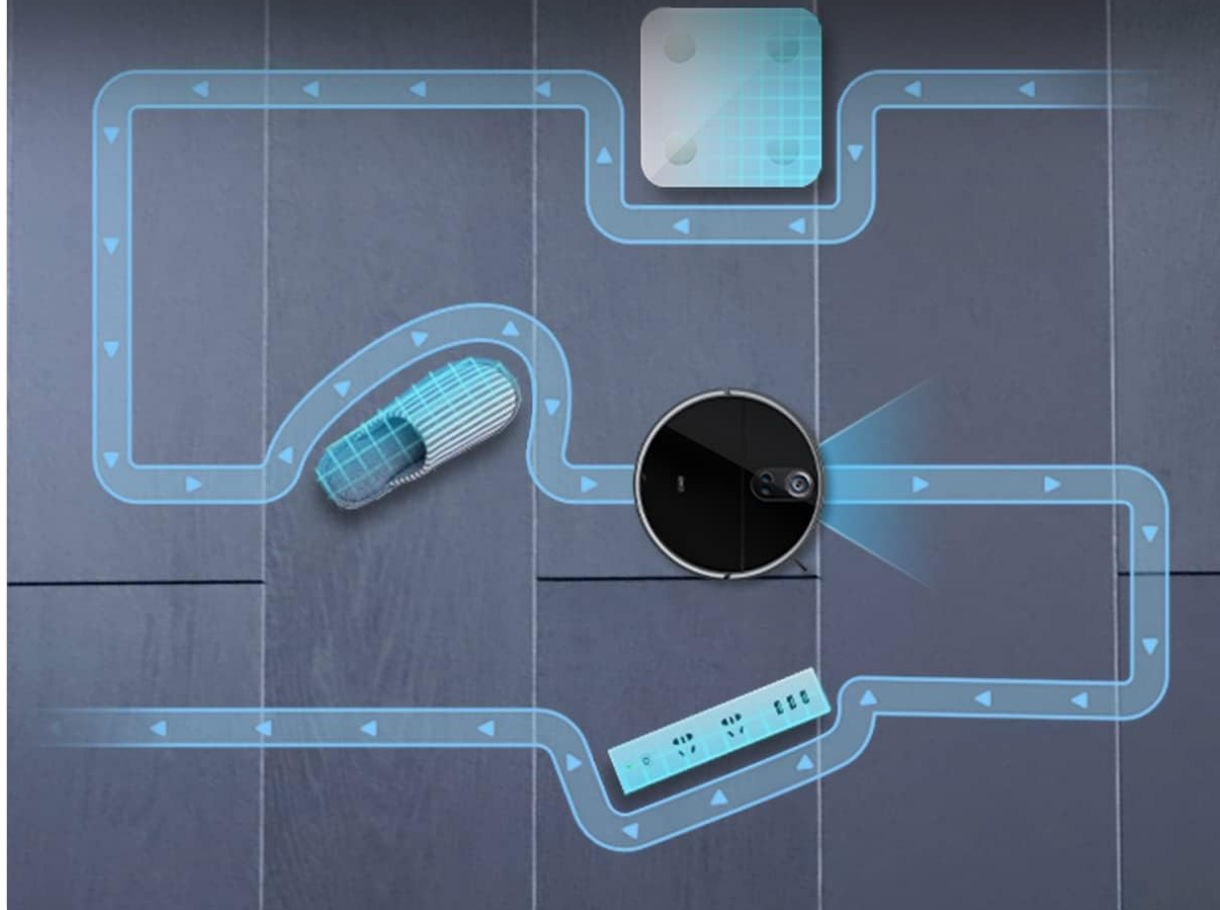


Figure 1: Included components of the 360 S10 Robot Vacuum and Mop, showing the main unit, water tank, dustbin, and charging station.

2. Charging Dock Placement

Place the charging dock against a wall in an open area, ensuring there are no obstacles within 0.5 meters (1.6 feet) to either side and 1.5 meters (4.9 feet) in front. Connect the power adapter to the dock and plug it into a power outlet.

3. Initial Charging

Place the 360 S10 onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The robot will begin charging automatically. For first-time use, fully charge the robot before operation (approximately 3-4 hours).

4. App Installation and Connection

Download the '360 Robot' app from your smartphone's app store. Follow the in-app instructions to create an account and connect your 360 S10 to your home Wi-Fi network. The app will guide you through the initial mapping process of your home environment.

OPERATING INSTRUCTIONS

1. Cleaning Modes

The 360 S10 offers multiple cleaning modes to suit different needs, adjustable via the mobile app:

- **Quiet Mode:** Lowest suction for minimal noise, ideal for light cleaning or when you are home.
- **Standard Mode:** Balanced suction for daily cleaning.
- **Powerful Mode:** Increased suction for deeper cleaning on various surfaces.
- **Max Mode:** Maximum suction (3300Pa) for stubborn dirt and pet hair.



Figure 2: The 360 S10 operates quietly, making it suitable for homes with pets.

2. Vacuuming

The robot efficiently vacuums hard floors and carpets. Its ultrasonic sensor automatically identifies carpeted areas and increases suction power for thorough cleaning. For heavily soiled carpet areas, the robot can be set to vacuum twice in a zigzag pattern.

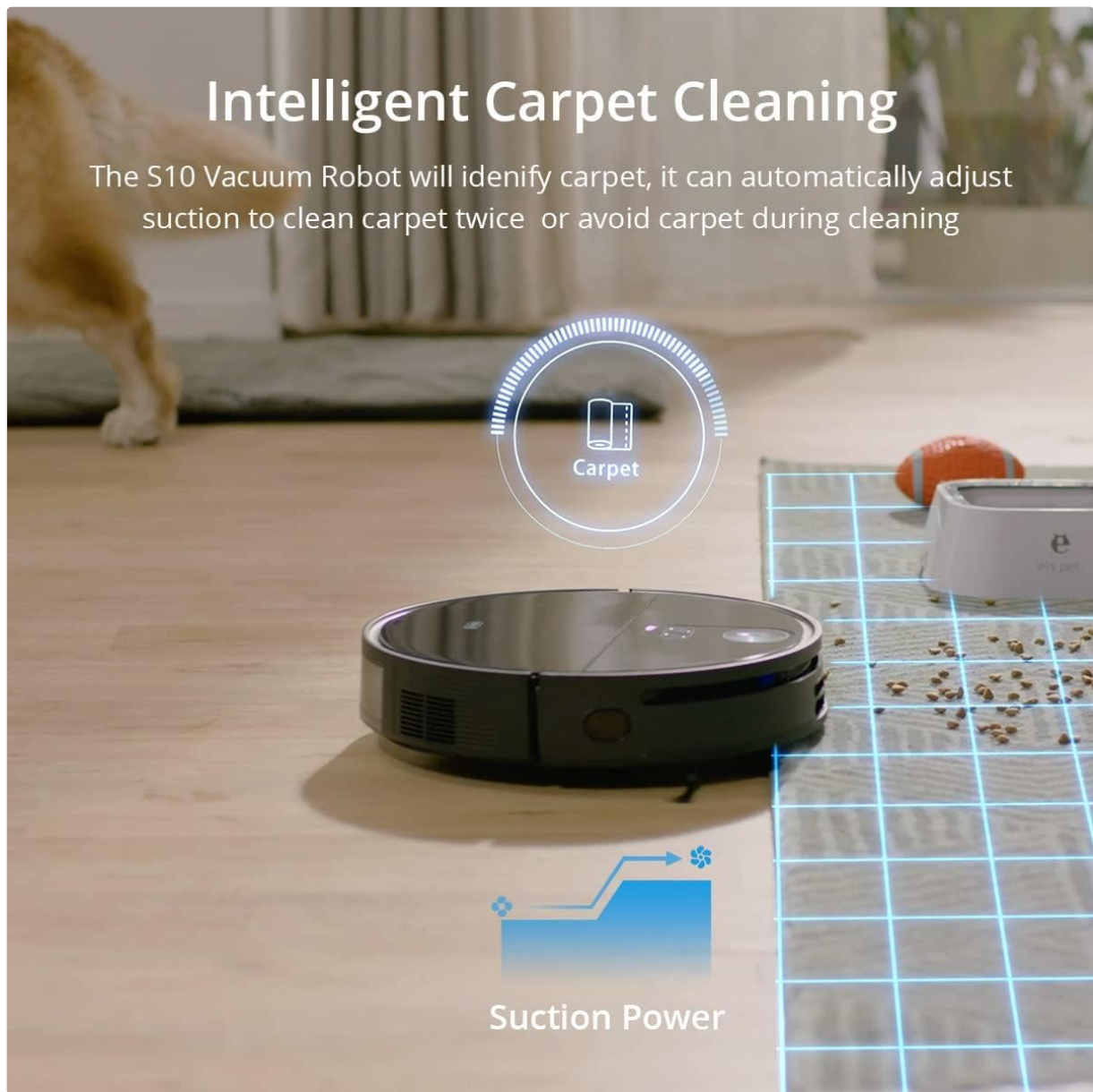


Figure 3: Intelligent Carpet Cleaning feature, where the robot detects carpet and adjusts suction.

3. Mopping

Attach the mop pad to the water tank and fill the 520ml water tank. Insert the water tank into the robot. Through the app, you can select from 3 water levels to control discharge. When mopping, the robot automatically configures a No-Mop Zone upon encountering carpets to prevent staining.

4. Obstacle Avoidance and Navigation

The 360 S10 utilizes AI-Powered 3D Vision and built-in trinocular LiDAR sensors for precise navigation and smart obstacle avoidance. It can detect over 100 types of obstacles, such as power strips, toys, and shoes, quickly bypassing them to prevent entanglement and accidental impact. Six anti-drop sensors prevent the robot from falling down stairs.

AI Powered 3D Vision

Stereoscopic 3D perception of home environment
through trinocular LiDAR navigation



Figure 4: AI Powered 3D Vision enables the robot to perceive its environment and avoid obstacles.

Maximum Configurations

Efficient sweeping and mopping for a clean environment



520ml
water tank



500ml
dust bin



5000mAh
battery



3-level
water flow

Figure 5: The robot's trinocular LiDARs provide three-dimensional obstacle avoidance.

Video 1: Demonstration of the 360 S10 Robot Vacuum's AI-Powered 3D Vision and advanced navigation capabilities, showcasing its ability to map rooms and detect obstacles like pet bowls and slippers.

Video 2: Overview of the 360 Flagship Ultra Slim Vacuum Robot, highlighting its hidden LiDAR design for cleaning under furniture, smart mapping, carpet detection, and obstacle avoidance features.

5. Smart Mapping Features

The mobile app provides detailed 2D and 3D maps of your home. You can define specific rooms or areas for cleaning, set custom cleaning sequences, and establish Multi-type No-go Zones to restrict access to certain areas. The robot supports multi-floor mapping, automatically recognizing and switching between different floor plans.

6. Voice Control

Integrate your 360 S10 with voice assistants like Amazon Alexa or Google Home for convenient hands-free operation. Use simple voice commands to start, stop, or send the robot back to its charging dock.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your 360 S10.

1. Emptying the Dustbin

Open the top cover of the robot and remove the dustbin. Press the release button to open the dustbin and empty its contents into a trash receptacle. The 500ml capacity allows for less frequent emptying.

2. Cleaning the Filter

Remove the filter from the dustbin. Tap it gently to remove loose debris. The filter is washable; rinse it under running water and allow it to air dry completely before reinserting. Do not use a brush or machine to clean the filter.

3. Cleaning the Main Brush

Flip the robot over. Release the main brush cover and remove the main brush. Use the provided cleaning tool to cut and remove any tangled hair or debris. Reinstall the brush and cover.

4. Cleaning the Side Brush

Carefully pull the side brush off its post. Remove any hair or debris. If the brush is damaged, replace it. Push the clean or new side brush back onto the post until it clicks into place.

5. Cleaning the Mop Pad

Remove the mop pad from the water tank attachment. The mop pad is washable; rinse it thoroughly and allow it to air dry. Replace the mop pad when it shows signs of wear or reduced cleaning effectiveness.

6. Cleaning Sensors

Wipe all sensors (LiDAR, 3D Vision, anti-drop sensors) with a clean, dry cloth to ensure accurate navigation and obstacle detection.

TROUBLESHOOTING

If you encounter issues with your 360 S10, refer to the following common problems and solutions:

- **Robot not charging:** Ensure the charging dock is powered on and the robot's charging contacts are clean and properly aligned with the dock.
- **Robot stuck or entangled:** Clear any obstacles, loose cables, or rugs that may be obstructing the robot's path. Clean the main brush if it's tangled with hair.
- **Poor cleaning performance:** Empty the dustbin, clean the filter, main brush, and side brush. Ensure the water tank is filled and the mop pad is clean for mopping tasks.
- **App connectivity issues:** Ensure your Wi-Fi network is stable and the robot is within range. Restart the robot and your router if necessary.
- **Error messages:** Consult the app for specific error codes and recommended actions.

SPECIFICATIONS

- **Brand:** 360
- **Model Name:** S10
- **Special Features:** Obstacle Avoidance, Pet Hair Pick Up, Smart Mapping, Intelligent Carpet Cleaning, Smart Mopping, Voice Control
- **Color:** Black
- **Included Components:** Instruction Guide, Mop Pad, Water Tank
- **Filter Type:** Cartridge
- **Dustbin Capacity:** 500 Milliliters
- **Water Tank Capacity:** 520 Milliliters
- **Power Source:** Battery Powered (5000mAh battery)

- **Run Time (Quiet Mode):** Up to 3 hours
- **Suction Power:** 3300Pa
- **Control Method:** Voice, App
- **Compatible Devices:** Google Home, Amazon Alexa
- **Form Factor:** Robotic
- **Product Dimensions:** 13.78 x 13.78 x 3.35 inches
- **Item Weight:** 8.47 pounds
- **Manufacturer:** 360 Smart Life
- **Surface Recommendation:** Hard Floors, Carpet

WARRANTY AND SUPPORT

The 360 S10 Robot Vacuum and Mop comes with a 12-month warranty from the date of purchase. For warranty claims, technical assistance, or customer support, please contact 360 Smart Life customer service. Refer to the contact information provided in the product packaging or on the official 360 Smart Life website.