

# Viomi V3 Robot Vacuum and Mop User Manual

Model: V3

## 1. INTRODUCTION

Thank you for choosing the Viomi V3 Robot Vacuum and Mop. This intelligent cleaning device is designed to provide efficient and thorough cleaning for your home, combining powerful vacuuming with effective mopping capabilities. Please read this manual carefully before use to ensure proper operation and maintenance.

## 2. SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, please observe the following safety precautions:

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Do not allow children to play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Ensure the power adapter is compatible with your local power supply.
- Do not use the robot in wet environments or near water sources.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not pick up large or sharp objects, liquids, or burning/smoking materials.
- Always turn off the robot and unplug the charging dock before performing any maintenance or cleaning.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Viomi V3 Robot Vacuum Cleaner
- Charging Dock
- Power Cord
- 2-in-1 Combo Tank (Dustbin & Water Tank)
- Main Brush
- 2 x Side Brushes
- 2 x Cleaning Cloths
- Mop Holder
- Cleaning Tool
- Instruction Manual

## 4. PRODUCT OVERVIEW

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### Robot Components

The Viomi V3 features a sleek design with advanced navigation and cleaning components.



*Image: Top view of the Viomi V3 Robot Vacuum and Mop, showcasing its black finish and the LDS navigation turret.*

The top cover can be opened to access the dustbin and water tank for easy maintenance.



*Image: The Viomi V3 Robot Vacuum with its top cover open, revealing the dustbin/water tank compartment and cleaning tool storage.*

## 5. SETUP GUIDE

### 5.1 Charging Dock Placement

- Place the charging dock against a wall on a hard, level surface.
- Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides of the dock and 1.5 meters (4.9 feet) in front of it.
- Connect the power cord to the charging dock and plug it into a power outlet.

### 5.2 Initial Charging

- Place the robot onto the charging dock. Ensure the charging contacts on the robot align with those on

the dock.

- The robot will automatically power on and begin charging. Allow it to fully charge before its first use (approximately 4-5 hours).

### 5.3 App Installation and Connection

- Download the 'Mi Home' app from your smartphone's app store (Google Play Store or Apple App Store).
- Open the app and create an account or log in.
- Tap '+' to add a new device and follow the on-screen instructions to connect your Viomi V3 robot to your home Wi-Fi network.
- Once connected, you can control the robot, set cleaning schedules, and manage maps via the app.

## 6. OPERATING YOUR VIOMI V3

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### 6.1 Power On/Off

- **Power On:** Press and hold the power button on the robot for a few seconds until the indicator lights up.
- **Power Off:** Press and hold the power button until the indicator lights turn off.

### 6.2 Cleaning Modes

The Viomi V3 offers versatile cleaning options:

- **Vacuum Mode:** For dry debris and dust.
- **Mop Mode:** For wet cleaning with the water tank and mop pad attached.
- **Vacuum & Mop Mode:** Simultaneous vacuuming and mopping for comprehensive cleaning.

# VIOMI V3



LDS Navigation  
+ SLAM Algorithm



550ml Smart  
Water Tank



2600Pa  
Powerful Suction

*Image: Overview of Viomi V3 key features including LDS Navigation + SLAM Algorithm, 550ml Smart Water Tank, and 2600Pa Powerful Suction.*

## 6.3 Water Flow Control

The intelligent electronically controlled water tank allows for variable water flow regulation with 3 settings, adjustable via the Mi Home app, to suit different floor types and cleaning needs.

## 6.4 Smart Mapping and Navigation

Equipped with 12 LDS (Laser Distance Sensors), the Viomi V3 provides 360° coverage for accurate mapping and efficient navigation, ensuring no areas are missed.



*Image: The Viomi V3 demonstrating its mapping capabilities, showing how it can manage multiple schedules and maps for different areas.*

## 6.5 Virtual Walls and Restricted Zones

Use the Mi Home app to set up virtual walls and no-go zones for both vacuuming and mopping, preventing the robot from entering specific areas or cleaning delicate items.

## 6.6 Scheduling Cleanings

Create customized cleaning schedules for specific rooms or areas through the Mi Home app. The robot can automatically recognize rooms for selective cleaning.

MI HOME APP Control



**Great routine for a 1 day full house clean**

At 10 am

At 3pm

7pm after meal

cleans the bedroom  
1 block of suction and  
1 block of water to  
clean up hair

cleans the living room  
2 blocks of suction and  
2 blocks of water to  
perform daily dust

cleans the kitchen  
3 blocks of suction and  
3 blocks of water to remove  
stubborn oil and water stains



*Image: A smartphone screen displaying the Mi Home app interface, showing a detailed cleaning map and options for managing a daily cleaning routine.*

## 6.7 Auto-Recharge and Resumption

When the battery is low during a cleaning cycle, the robot will automatically return to the charging dock. Once fully charged, it will resume cleaning from where it left off, ensuring complete coverage without missing any spots.



*Image: Illustration of the Viomi V3's auto-recharge and cleaning resumption feature, showing the robot returning to its dock when battery is low and then continuing its cleaning path.*

## 6.8 Mopping Efficiency

The Viomi V3 employs efficient mopping patterns:

- **S Mode:** Sweeps ground dust with fast cleaning speed.
- **Y Mode:** Sweeps back and forth, providing full coverage and cleanliness without leaving any dead ends.

## Efficient & Effective Mopping

### S Mode

Sweep the ground dust  
Fast cleaning speed

### Y Mode

Sweep back and forth,  
Full coverage and cleanliness  
without leaving any dead ends



*Image: Diagram illustrating the 'S Mode' and 'Y Mode' mopping patterns of the Viomi V3, highlighting their different cleaning paths for efficient and effective mopping.*

## 7. MAINTENANCE AND CARE

Regular maintenance ensures optimal performance and extends the lifespan of your Viomi V3.

### 7.1 Emptying the Dustbin

- Open the top cover of the robot.
- Remove the 2-in-1 combo tank.
- Open the dustbin compartment and empty its contents into a trash bin.
- Clean the dustbin with water if necessary and allow it to dry completely before reinserting.

### 7.2 Cleaning the Water Tank

- Remove the 2-in-1 combo tank.
- Empty any remaining water from the tank.
- Rinse the water tank with clean water. Do not use detergents.
- Allow the tank to air dry completely before refilling and reattaching.

### 7.3 Cleaning Brushes

- **Main Brush:** Remove the main brush cover and lift out the main brush. Use the cleaning tool to remove hair and debris.
- **Side Brushes:** Unscrew and remove the side brushes. Clean off any tangled hair or debris. Reattach securely.

### 7.4 Cleaning Filters

- Remove the filter from the dustbin.
- Tap the filter gently to remove dust. Do not wash the HEPA filter with water.
- Replace the filter every 3-6 months, depending on usage.

## 7.5 Cleaning Sensors

- Wipe the cliff sensors, wall sensors, and charging contacts on the robot and charging dock with a soft, dry cloth.
- Ensure the LDS sensor on top of the robot is free from obstructions.

## 8. TROUBLESHOOTING

If you encounter issues with your Viomi V3, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Robot does not power on	Low battery; Power button not pressed long enough	Charge the robot; Press and hold the power button for 3 seconds
Robot cannot charge	Charging contacts dirty; Charging dock unplugged	Clean charging contacts; Ensure charging dock is plugged in
Robot gets stuck frequently	Obstacles in cleaning path; Cliff sensors dirty	Clear obstacles; Clean cliff sensors
Poor cleaning performance	Dustbin full; Brushes tangled; Filter clogged	Empty dustbin; Clean brushes; Clean/replace filter
No water dispensed during mopping	Water tank empty; Water outlet clogged	Fill water tank; Clean water outlet

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	VIOMI
Model Name	V300002 (V3)
Surface Recommendation	All Floors
Special Features	Integrated Dustbin and Water Tank, App Control, Voice Control
Color	Black
Product Dimensions	35L x 35W x 9.5H cm
Controller Type	App Control
Filter Type	Cartridge

Feature	Specification
Battery Life	150 Minutes
Suction Power	2600 Pa
Dustbin Capacity	300 ml
Water Tank Capacity	200 ml

## 10. WARRANTY AND CUSTOMER SUPPORT

The Viomi V3 Robot Vacuum and Mop comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Viomi customer service through the official website or the contact information provided in your product documentation. Ensure you have your product model and serial number ready when contacting support.