

Laser Navigation Robot Vacuum

This laser navigation robot vacuum provides precise mapping for efficient cleaning. Its powerful suction system effectively removes dirt, dust, and debris from various floor types.



ADDITIONAL IMAGES



Overview

Advanced Intelligent Cleaning

This laser navigation robot vacuum combines precision mapping with powerful suction to deliver a comprehensive cleaning solution for both residential and commercial spaces. Featuring 360-degree laser radar and advanced SLAM algorithms, it navigates complex environments efficiently while identifying obstacles like glass walls. With integrated vacuuming, sweeping, and mopping capabilities, along with smart app connectivity, it offers a fully automated and customizable cleaning experience.

Performance Metrics

Suction Power

3000 Pa

Suction

Battery Capacity

5200 mAh

Navigation & Sensors

Specialized Detection

- TOF sensor for glass/black wall identification
- Anti-falling sensors
- Anti-collision sensors
- Obstacle avoidance
- Speed sensors

Navigation System

360° Laser Radar, LDS, SLAM Algorithm

Total Sensors

38 units

Smart Features

Connectivity & Control

Wi-Fi • Mobile App • Alexa • Google Assistant • OTA Updates

Intelligent Operations

- Real-time mapping
- Virtual wall restricted areas
- Scheduling/Time set-up
- Auto recharging
- Breakpoint resume
- Carpet pressure boost
- Multi-user device sharing

Cleaning Capabilities

Cleaning Functions	Vacuuming, Sweeping, Wet Mopping, Dry Mopping
Water Tank Capacity	100 ml