

Efficient and Intelligent Cleaning Robot

C30



Key Features

- Hands-Free Cleaning: The C30 offers a hands-free cleaning experience with its sweeping, dust mopping, and vacuuming functions.
- Ultimate Edge Cleaning: Reaches every corner right up to the wall.
- Wide Cleaning Path: Dual side brushes create a 610 mm cleaning width, making large area cleaning faster.
- Extensive Coverage: Can clean up to 2500m² on a full charge.
- Powerful Suction: Boasts suction power up to 19000Pa with the Sweep-Gather-Vacuum mechanism.
- Intuitive Operation: Designed with an intuitive UI and handle for easy daily operation.
- Easy Maintenance: Quick-switch consumables for side brushes, Rolling Brushes, and dust bags; integrated tools for cleaning the roller brush and air duct.
- Adorable Design: Kitten-shaped design blends well with any environment, ideal for populated areas.
- Customizable Expression Screen: Can be used for cleaning task information and promotions.
- App & Web Management: Mobile app and web interface allow users to check robot status, cleaning tasks, reports, and receive alerts.

Specifications

Performance

Cleaning Mode	Vacuuming Mode (Vacuuming Function +Sweeping Function)
	Dust Mopping Mode
Cleaning Efficiency	Up to 600m³/h
Cleaning Area	Up to 2500m²/task (Under Full Charge)
Suction Power	Up to 19000Pa
Maximum Cleaning Width	610mm (Double Side Brushes + Rolling Brush)
Dust Collection	3.5L/bag
Battery Life	3–6h (Sweeping & Vacuuming Mode, actual result may vary)
	Up to 10h (Dust Mopping Mode, actual result may vary)
Noise	≤70dB
Maximum Moving Speed	0.8m/s
Braking Distance	50cm
Obstacle Climbing Ability	20mm
Carpet Cleaning Ability	10mm
Slope Angle	≤ 8°

Measurements

Robot Dimension(W*D*H)	490*610*750mm (With Dust Push)
	490*520*750mm (Without Dust Push)
	490*646*990mm (Raise Handle)
Robot Weight	35kg (With Battery)
	30kg (Without Battery)
Charging Pile Dimension(W*D*H)	220*130*330mm
Charging Pile Weight	2.4kg

Environment

Operating Temperature and Humidity	0 - 40°C, 20% - 80%RH
Operating environment	Indoor environment, carpet (regular low-pile carpet, ≤10mm) , hard floor
Storage Temperature and Humidity	-15°C - 45°C, 20% - 80%RH

Battery and Charging

Battery Type	LFP battery
Battery Capacity	DC 25.6V 28.5Ah
Charging Mode	Automatic charging with the bundled charging pile
Charging Input	100-240V~, 50/60Hz
Charging Time	5-6h

Hardware

Machine Material	ABS and aluminum alloy
Positioning Method	Laser Positioning
Positioning Accuracy	Centimeter level
Sensing Techniques	LiDAR, Stereo Vision Sensors, Collision Sensor, IMU(Inertial Measurement Unit)
Sensor Coverage	LiDAR detection range: 240°. ≤25M; Stereo Vision Sensor horizontal coverage: 120°, 0.1-1.5m
Network	Wi-Fi: 2.400-2.4835GHz, max 13.90dBm; ESP01: 2.400-2.4835GHz, max 13.90dBm
Operation Screen	7 inch(1024 x 600)
Interactive Ability	Light/Touch/Customizable Contents on the Expression Screen

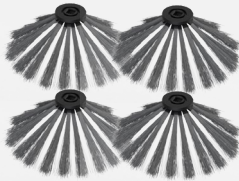
System and Function

System	Linux(Control) & Android(Interact)
App Language	Chinese, English, Japanese, Korean, French
App Functions	Immediate Cleaning/Scheduled Cleaning/Manual Cleaning/Teaching Mode

Official Standard and Optional Part

Package Contents	Robot*1, Charging Pile*1, Product Manual*1, Side Brush*4, Mopping Cloth*2, Rolling Brush*2, Roller Brush Scraper*3, Dust Bag*20, HEPA Filter*1
Consumables (Available for purchase)	Side Brush, Mopping Cloth, Rolling Brush, Roller Brush Scraper, Dust Bag, HEPA Filter
Robot Color Optional	Pearl White

Package Content



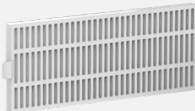
Side Brush*4



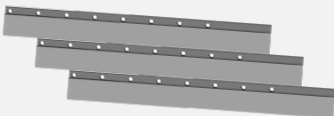
Mopping Cloth*2



Roller Brush*2



HEPA Filter*1



Roller Brush Scraper*3



Dust Bag*20



Charging Pile*1



Product Manual*1

Main Unit and Dimension

