irobint Multi Port Control Intelligent Management User Guide

Contents

ROBINT
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irobint Multi Port Control Intelligent Management

Product Information

Specifications

- **Clean water/sewage tank volume:** 22
- **Weight:** QM

Product Information The product is a robotic cleaning device designed for use in various environments such as hotels, apartments, office buildings, exhibition halls, banks, supermarkets, and schools. It is suitable for both hard and soft floors including marble, terrazzo, tiles, epoxy cement ground, and carpet.

The product features an Emergency Stop Button, Ultrasonic Radar Wide Angle Camera, ToF Camera, Brush, Screen ToF Camera Ventilation Holes, Lidar, Universal Wheel, Wide Angle Camera, Automatic Water Unloading Outlet, Drive Wheel, Automatic Water Loading Inlet, Tail Light Ultrasonic Radar, Charging Contact, and Dust Pusher Pad.

Product Usage Instructions

Preparation

- Ensure the robot is fully charged before use. Check and clean the brushes and filters regularly for optimal performance.

Operating the Robot

- Press the power button to turn on the robot. Select the desired cleaning mode based on your needs. Place the robot on the floor and press start.

Maintenance

- Empty and clean the water/sewage tank after each use. Inspect the brushes and sensors for any debris or blockages.

FAQ

- **Q:** How often should I clean the filters?
  - **A:** It is recommended to clean the filters every 1-2 weeks depending on usage.
- **Q:** Can the robot be used on all types of carpets?
  - **A:** Yes, the robot can be used on most carpets but avoid very thick or shaggy carpets for optimal performance.

AI-empowered intelligent

AI-empowered intelligent patrol cleaning to stay clean at all times

- The robot can autonomously identify floor stains and complete the cleaning in patrol mode. Meanwhile, it will report the large garbage unable to be cleaned and agilely deal with emergencies.

Multi-Port Control

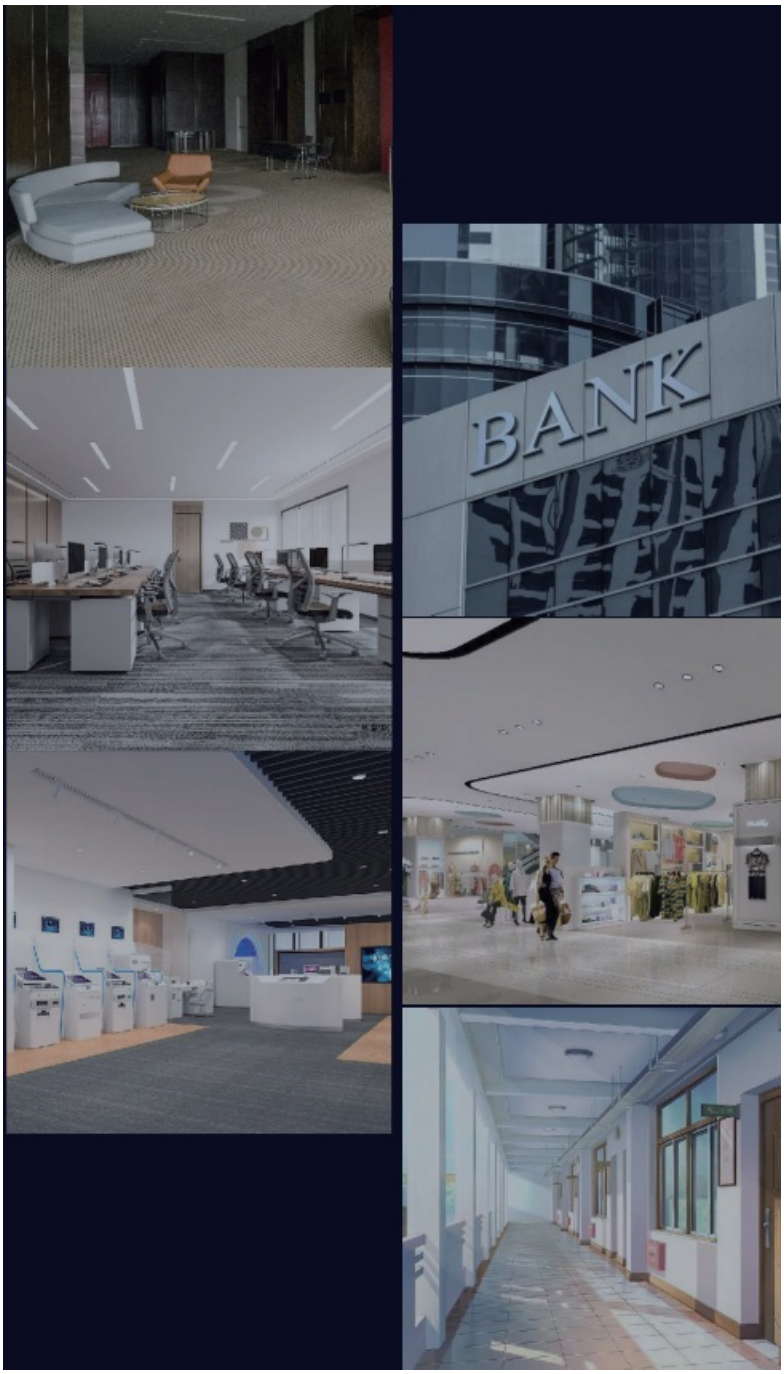
Multi-Port Control, Intelligent Management

You can assign cleaning tasks for designated spots at fixed times to the robot through its screen, the cloud platform, or the app.

- Robot remote monitoring
- Upload cleaning data in real time
- Autonomously generate visualized data reports

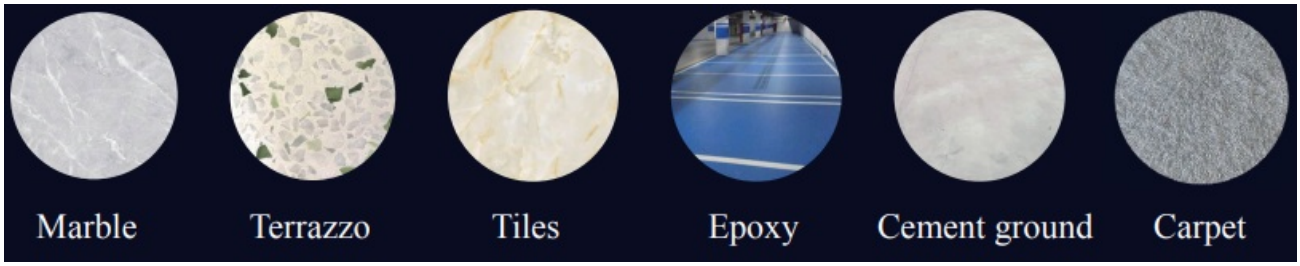
Agile and efficient

Agile and efficient, easy to use in commercial scenarios

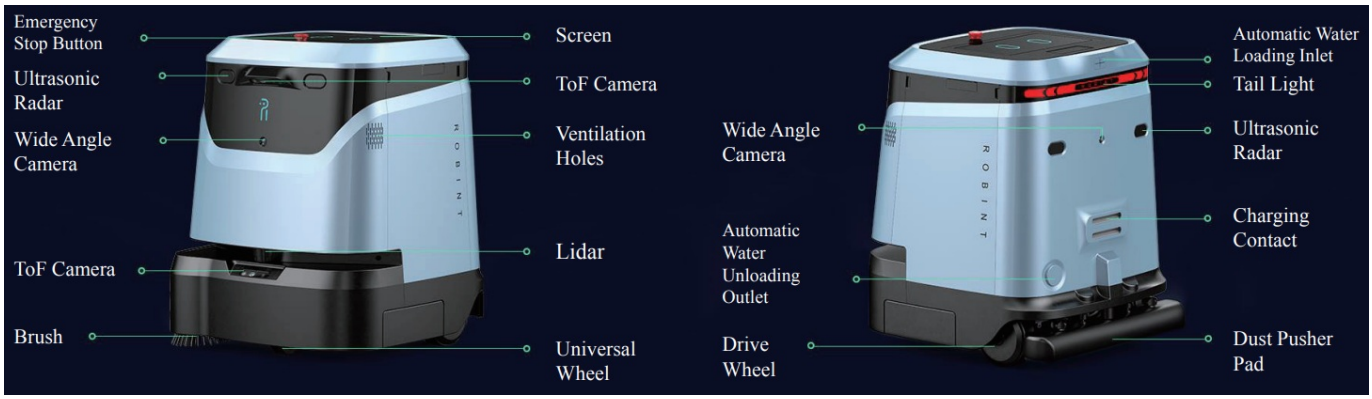


Whether it’s a hard floor or a soft carpet, there is no problem for the robot in realizing daily dust removal or deep cleaning.

- **Application Scenarios** | Hotels, Apartments, Office buildings, Exhibition halls, Banks, Supermarkets, Schools
- **Applicable floor** | Both hard and soft floors



Product Structure



Product Parameters

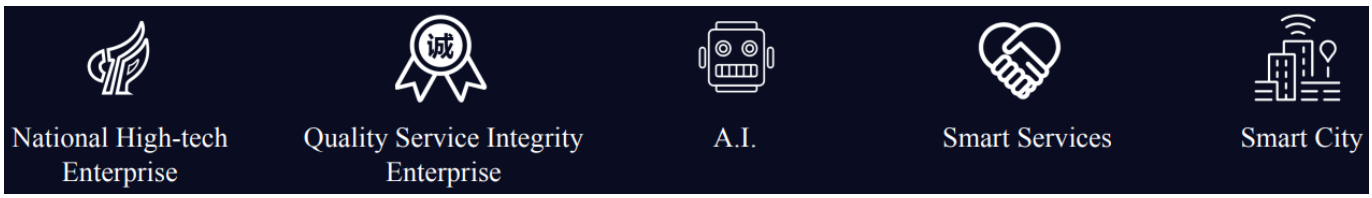
Robot body size (L*W*H)	595mm*540mm*715mm	Weight	50kg
Clean water/sewage tank volume	17L/14L	Battery capacity	24V 40Ah, powerful lithium battery with a total capacity of 960 Wh
Cleaning mode	sweeping, scrubbing, pushing, vacuuming and mopping	Cleaning efficiency	0~1440㎡/h, 576㎡/h as default
Minimum wall spacing	0cm	Travel speed	0~1m/s , 0.4 m/s as default
Battery life	2.5h (scrubbing) ,5h (sweeping/vacuuming /mopping) ,12h (dust pushing)	Noise	≤ 70db
Cleaning width	sweeping/scrubbing/vacuuming/mopping: 400 mm; dust pushing: 500mm	Interactive mode	screen/voice control

ROBINT

Beijing Robint Technology Co. Ltd. (i.e., Robint) is a high-tech enterprise, focusing on Artificial Intelligence (AI) R&D, design, production and sales. Led by an internationally and nationally well-known research team with distinguished professors, researchers and engineers with PhD or master degrees, the company is dedicated to inventing AI-empowered intelligent service robots for commercial and domestic users. Combined with the efficient and convenient one-stop multi-functional service system and the company's first-ever smart robots-group collaboration technology, the Robint robots maximize cost-effectiveness while offering the best user experience.

As of now, Robint, as the market leader in mass-production robots, has produced various service robots, which have been used for commercial/medical/industrial/food delivery, disinfection, family health management, and mobility assistance, and have been deployed in many scenarios including hotels, restaurants, apartments, hospitals, airports, supermarkets, warehouses, and factories.

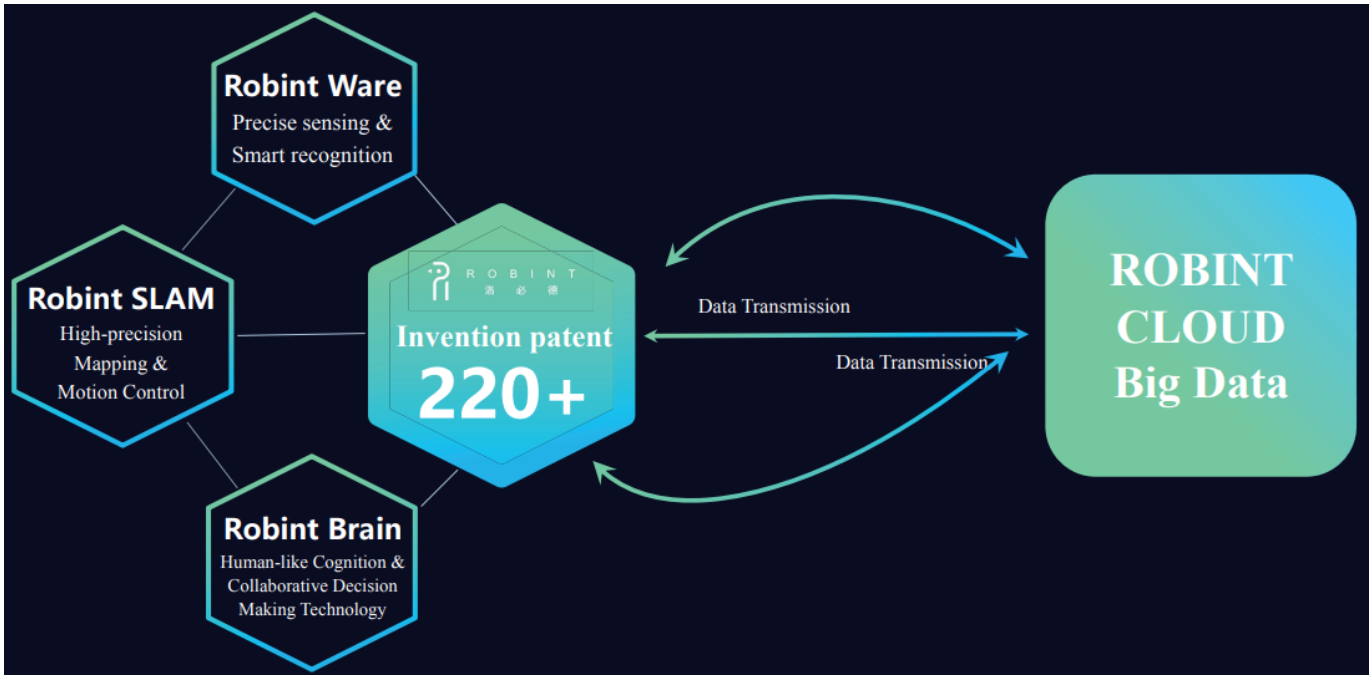
With the core concept of "AI for People", Robint remains committed to benefiting human beings with a fusion of "AI + Robot". The company is and will continue to be a pioneer in exploring AI and robot technologies and innovatively integrating AI into robots for various applications to achieve the company's goal of serving people with intelligent service robots.



Robint's Strength

- Robint's R&D division is teamed up by talents, specialized in cutting-edge technologies, for instance, AI, big data, Internet of Things, robotics, from prestigious universities at home and abroad such as University of California and Beihang University.
- They all research expertise with many scientific research achievements.
- Now, of over 200 Robint staff, R&D team accounts for 60% in which 52% holds PhDs and master's degrees or above.

- With three core technologies and 220-odd patents for invention, a technical "stronghold" in the industry has taken shape.



FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference
2. this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the

user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: –

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC' s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

Contact us

- **Hotline of Beijing R&D Headquarters:** 010-82230700
- **Address of Beijing R&D Headquarters:** 2006, Block A, Jinqiu International Building, Zhichun Road, Haidian District, Beijing
- **Company Official Website:** https://www.irobint.com/

Follow our WeChat public account for more information

Documents / Resources

	irobint Multi Port Control Intelligent Management [pdf] User Guide 2A3PX-RCL1, 2A3PXRCL1, Multi Port Control Intelligent Management, Port Control Intelligent Management, Control Intelligent Management, Intelligent Management, Management

References

- User Manual