ROBINT
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Intelligent Restaurant Delivery Robot

Beijing Robint Technology Co. Ltd.

Intelligent Restaurant Delivery Robot

3 modes

Delivery Mode

- Multi-point delivery
- 24h full-time work
- On call

Reception Mode

- Lead the way
- Multimodal interaction
- Attract customers

Cruise Mode

- Cruise & Delivery
- Cruise & Collect dishes
- Interact with guests

Intelligent Restaurant Delivery Robot

We always

believe

The simple and repetitive tasks of delivering food are completed by robots, and the service staff are freed from the repetitive labor and provide services to the guests in a better state and a more relaxed attitude.

Through ROBINT, we see countless possibilities for intelligent services!

Four Functions

Multi-point delivery
Voice broadcast

Cruise delivery
Advertising

Smart reception
Lead the way

Entertainment
Warm service

Robot Intelligent Food Delivery

- **Full-time Cruise delivery,save manpower**
- **Automatic delivery of various foods (snacks, drinks, dishes, etc.)**
- **No contact distribution, more secure**

Restaurant

Place food into the food delivery robot

Choose the place for delivery

The robot automatically delivers food to the table and voice notifies the server to pick it up

Intelligent Restaurant Delivery Robot

Five highlights

1 Rapid deployment

Super sports chassis,multi-sensor fusion,the robot is ready to use, no need to change the environment.

2 Multi-point Delivery, multi-layer heavy load

Large multi-layer tray, which can load up to 10kg/ layer. Multi-point Delivery,Multi-task parallel.

3 Autonomous navigation

Self-developed modular sports chassis， Multi-sensor fusion positioning can realize autonomous and precise navigation, 3D omnidirectional obstacle avoidance, and more flexible delivery in complex environments.

Multi-mode interaction, humanized experience 4

Voice interaction and UI interaction

Long battery life, automatic commuting 5

The robot can work continuously for 10-12 hours,after completing the task, it will automatically recharge.

Product performance parameters

486*556*1270mm

Size

60kg

Weight

30Ah

Battery Capacity

3-4 layers

Pallet layers

10kg

Pallet load

560*440mm

Pallet size

0.6~0.8m/s

Walking speed

<2°

Climbing angle

< 25mm

Overcoming obstacles

8h(Automatic charging)

Battery life

4h

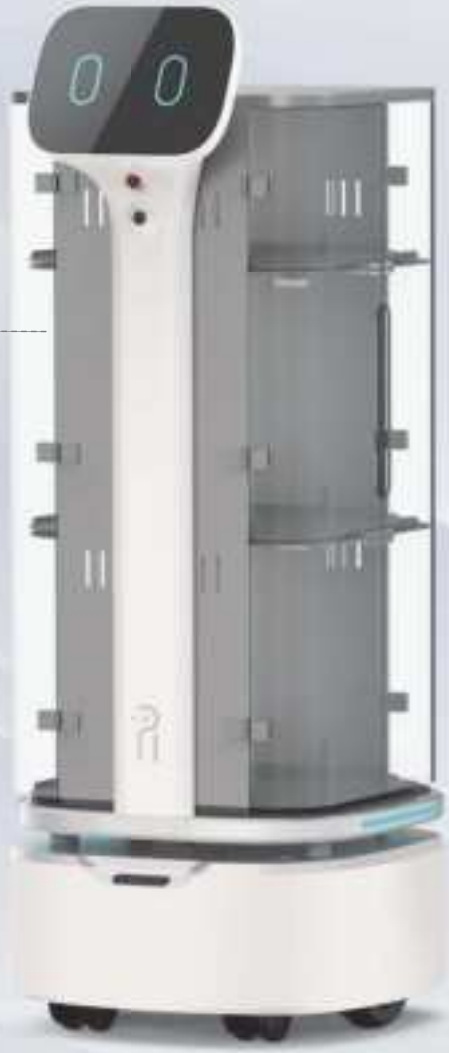
Charging time

24V

Rated battery voltage

洛必德智能送餐机器人


Operating screen
Emergency button
Front camera
Three-tier pallet
Depth camera
Power switch
Ultrasonic sensor
Lidar


Protect shell

Competing goods analysis

	Robint Intelligent Restaurant Delivery Robot	Other Brands of Robots
部署	 Fully independent research and development, super sports chassis, multi-sensor fusion, robot ready to use, no need to start to change the environment, fast and convenient installation.	 Food delivery robots of other brands need to place an anchor point on the roof of the restaurant for robot positioning, which requires construction and a long deployment time.
操作	 **Voice operation, simple steps** Powerful voice recognition technology, leading reception and other functions can be triggered directly by voice, easy to issue commands.	 **Manual operation，difficult steps** The command can be executed only manually and requires multiple clicks.
功能	 **Product function diversification** In addition to the food delivery function, the food delivery robot also has intelligent reception, entertainment and interaction and other functions.	 **Single product function** Robot only for food delivery, other functions are not perfect.
性能	 **Super obstacle avoidance ability** Six-wheel chassis structure, more stable. Imported laser hardware and sensing system, with strong obstacle avoidance ability.	 **Obstacle avoidance ability is not strong** Most of the robot chassis for four-wheel interface, stability is not high, and easy to hit people.

Company Introduction

Beijing Robint Technology Co. Ltd.

Beijing Robint Technology Co. Ltd. is a high-tech enterprise, focusing on AI R&D, design, production and sale. Led by a national Distinguished Professors and underpinned by a strong R&D team with PhDs and master's degrees, the company is dedicated to realizing AI into every household via service robots. Combined with the efficient and convenient one-stop multi-functional services and the company's first-ever smart robot-group collaboration technology, the Robint smart service robot maximizes the cost-effectiveness while offering the optimal experiences to users. As of now, Nobint, as the market leader in mass-production robots, has marked a new era of service robots. Its products range from commercial delivery, medical delivery, industrial delivery and food delivery to disinfection, family health management, mobility care and so on, and are applicable to commercial, industrial and household scenarios, including hotels, restaurants, apartments, hospitals, airports, supermarkets, factories.

Bearing in mind the core concept-AI for People, Robint remains committed to benefiting the mankind with a fusion of AI + Robot. The company is a pioneer in exploring AI and robot technology, and how to innovatively integrate AI into robots for further applications, which means offering better services to every household via smart service robots.

National High-tech Enterprise

Quality Service Integrity Enterprise

AI

Smart Services

Smart City

Honors of ROBINT

National high-tech enterprise

Specialized new enterprise

ZhongGuanCun high-tech enterprise

2021Vemture50 List of New

2021 Top10 Investor-Preferred Outstanding Commercialized Enterprises for Commercial Service Robots

2021 TOP20 Global AI innovative Application Enterprises

2020-2021 Top 50 China Fast-Growing Enterprises for New Economies

2021 Top 100 China Outstanding Commercialized AI Enterprises

2021 Top 50 Outstanding Commercialized Enterprises for Commercial Service Robots

2021SCI-TECH Innovation Festival High growth enterprises

2021Golden Prize, Most Favored Suppliers by Smart Hotels Awards

HONOR

Robint's Team 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 180 Robint staff, R&D team accounts for 80% in which 52% holds PhDs and master's degrees or above.

Robint's Technical Strength

With three core technologies and 100-odd patents for invention, a technical "stronghold" in the industry has taken shape.

40 Patents

High-precision Mapping & Motion Control

high-precision (by centimetre) tech. applied to a single 5000㎡ mapping for the first time and sensor-collaboration-optimized route planning tech. applied to multiple and complicated scenarios

30 Patents

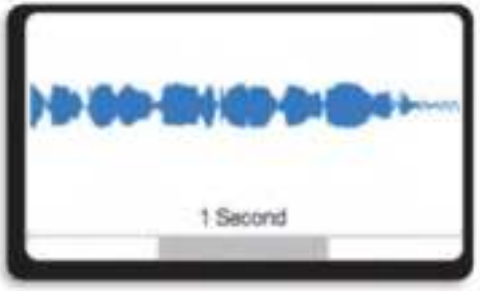
Precise sensing & Smart recognition

The world forefronter in Human tracking technology and the industry leader in object detection and recognition technology

30 Patents

Human-like Cognition & Collaborative Decision Making Technology

the team, combining visual data with voice data, put forward a innovative idea, the smart robot-group collaboration tech. based on human-like cognition, getting ahead of the industry.



Product qualification certificate

ROBINT intelligent service robot has obtained a number of invention patents and passed strict product testing.

Cooperation Hotel

Contact us

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Follow our WeChat public account for more information

:

FCC WARNING

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, and (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.