Key Clients

Panasonic

Sheraton

海底捞火锅 Haidilao Hot Pot

鼎泰豐 DINTAIFUNG

CJ 푸드빌

Saizeriya

BBQ Chicken

배달의민족

MINOR HOTELS

Pulmuone

Gami CHICKEN & BEER

中国南方航空 CHINA SOUTHERN

Four Seasons Hotels and Resorts

MK RESTAURANTS

DUNKIN'

Founded in 2016 and headquartered in Shenzhen, Pudu Robotics is a national high-tech enterprise dedicated to the design, R&D, production and sales of commercial service robots. The company has set up R&D centers in Shenzhen, Beijing and Chengdu, and hundreds of after-sales service centers across China, with R&D staff accounting for more than 50%. Since establishment, Pudu Robotics has always adhered to the "Spirit of Invention" and practiced "User-Centered" corporate culture, aiming to boost productivity and well-being with the power of robots.

Powered by the core technologies of low-speed autonomous driving, robotics motor and motion control, Pudu Robotics has developed top-notch delivery robots, hospitality robots and disinfection robots that are widely used in restaurants, hospitals, schools, office buildings, government halls, subway stations, waiting rooms, etc. Pudu's products are sold in more than 50 countries. With superior offerings and global footprints, Pudu Robotic has become a world-leading enterprise of commercial service robots.

Pudu Robotics

SHENZHEN PUDU TECHNOLOGY CO., LTD.

www.pudurobotics.com global_sales@pudutech.com +86 18124141175 (GMT+8, 9:00 to 21:00 on weekdays)

5/F, Building 1A, Shenzhen International Inno Valley Phase 1, Dashi 1st Road, Nanshan District, Shenzhen, China

PD-ZY-HLS-EN-E01-002

PUDU ROBOTICS

reddot award
best of the best

PuduBot
Delivery Robot

Features

Industry-Leading SLAM Technology
The PUDU SLAM system integrated with multiple sensors makes it easy for robots to find their way in complex indoor environments.

Four Core Functions
Centimeter-level real-time positioning, high-precision mapping, optimal route planning, and 0.5 second instant response for obstacle avoidance.

Modular Design and Good Scalability
Capacity for an increasing number of trays, adjustable height, and quick change of enclosed dish cover.

Ultra-Long Battery Life
4-hour full charge and continuous operation for up to 10-24 hours.

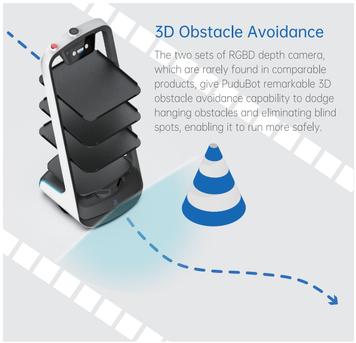
Pudu Cloud Service
Intelligent Cloud Scenarios & Robot Service Cloud provide data support for scenario-based operations.

Specs.

Machine dimension: 516*500*1288mm
Charging time: 4H
Battery life: 10-24H
Robot weight: 35kg
Machine material: ABS /Aviation-grade aluminum alloy
Cruise speed: 0.5-1.2m/s (Adjustable)
Load capacity: 13kg/tray, Max 30kg
Dish cover dimension: 422*422*710mm
Dish cover weight: 8kg
Door opening method: magnetic switch

PUDU SLAM Positioning
Powered by the PUDU SLAM system integrated with multiple sensors, PuduBot supports high-precision mapping and surroundings recognition, which help it navigate and deliver meals in complex environments more efficiently.

Modular Design
PuduBot boasts 42*50cm extra large trays or enclosed dish cover accessory with patented adjustable tray fasteners, allowing adjustment of heights of 7-layer trays, quick disassembly, and flexible switch between trays and dish cover.



3D Obstacle Avoidance
The two sets of RGBD depth camera, which are rarely found in comparable products, give PuduBot remarkable 3D obstacle avoidance capability to dodge hanging obstacles and eliminating blind spots, enabling it to run more safely.

Independent Linkage Suspension
The new independent auto-level linkage suspension makes the robots adaptive to wavy and bumpy floor to move smoothly by effectively absorbing the impact of obstacles and filtering vibrations.

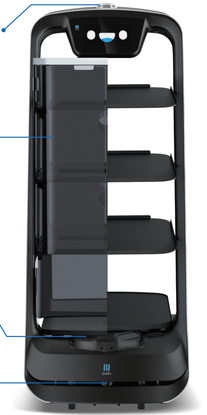
Superior hardware adds to excellence

Visual Camera Positioning
The infrared camera on top of PuduBot provides real-time positioning in order to create a complete visual positioning solution.

Flexible Dish Cover
3 layers of large space, magnetic door opening method, modular design, and quick disassembly within 3 minutes.

3D Obstacle Avoidance Sensor
2*RGBD depth cameras.

Lidar
Customized laser radar doubles the accuracy of obstacle avoidance.



OTA remote upgrade to unlock more new functions

- Upgrade to the sun-proof version
- Flexible input of table numbers
- Switch between maps for multiple scenarios
- Calling with App
- Private room notification
- Pause Points in Cruise Mode
- More functions