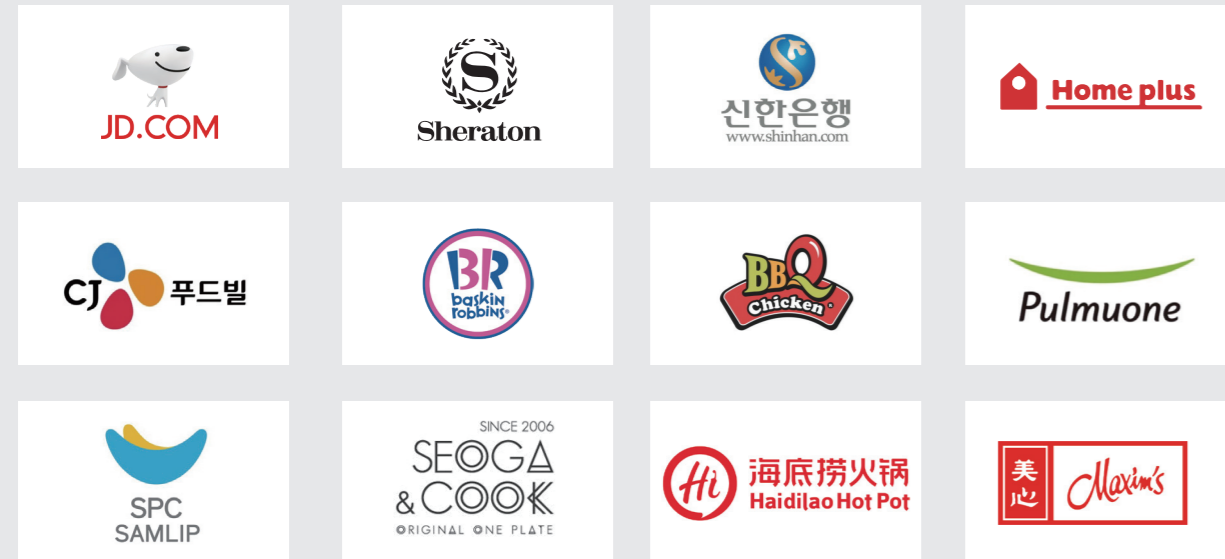


Key Clients



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.



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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



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