Key Client



















MX RESTAURANTS













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 and Chengdu, and hundreds of after-sales service centers across the globe.

Powered by the core technologies of positioning and navigation, motion control, multiple-robot dispatching, obstacle detection and avoidance, NVH, intelligent interaction and automated simulation testing, Pudu Robotics has developed more than 600 patents and top-notch delivery robots, disinfection robots as well as delivery & reception robot with an Ad display. As a world-leading provider of commercial service robots, Pudu Robotics has sold tens of thousands of robots to more than 60 countries and regions around the world. The robots are widely used in restaurants, hospitals, schools, office buildings, government halls, subway stations, waiting rooms, etc.















BellaBot







Features

Upgraded All-New Delivery Capabilities

[⊙1 Industry First Dual SLAM Technology

Support both Visual SLAM and Laser SLAM navigation solutions for full coverage in any scenario.

Four Core Escort Functions

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

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Superlative Trafficability - Stable Operations

A minimum clearance at 70cm, and auto-level suspension to ensure smooth and steady operations.

Industry First Robot Power Exchange Technology

12~24 hours ultra-long battery life, the quick-release battery can also achieve 24/7 operations around the clock

△ Pudu Cloud Service

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

Overall Size	565×537×1290mm	
Robot Weight	55kg	
Machine Material	ABS/Aviation grade aluminum alloy	
Charging Time	4.5H	
Battery Life	12~24H (Replaceable Battery)	
Cruising Speed	0.5~1.2m/s (Adjustable)	
Overall Load	40kg	
Load Capacity Per Tray	10kg	
Positioning Method	Marker Positioning: Supports a maximum heig meters (optional high-level code)	ht of 8



Multimodal Interaction

Light interaction, touch feedback and smart expression bring an

unprecedented human robot interaction experience.

Enclosed Dish Cover

3 layers of large space, magnetic door opening method, contactless delivery, safer service.

Plexiglass / Mq-Al alloy

514*420*677mm

Door opening method Magnetic Switch



Independent Interlinked Suspension

The newly developed interlinked suspension in automotive grade can adapt to surface undulation, effectively reduce the shake due to floor roughness and achieve excellent running ability.

Intelligent Tray

The modular quick release structure and intelligent infrared sensing ability create intelligent trays and a more efficient delivery.







Laser SLAM Positioning and Navigation Solution

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Laser SLAM supports unlimited heights and does not require location code stickers. Simple to deploy, it supports multiple starting points and is more dependent on the surrounding environment than the marker positioning, making it more suitable for installation and deployment in sites with specific requirements.





Visual SLAM Positioning and Navigation Solution

BellaBot's multi-sensor fusion technology provides a mature and stable

solution. A marker location code needs to be placed on the ceiling. BellaBot provides flexible deployment and reliable operations.