

Key Client



S.P.A.R.C Technologies is a commercial service robotic distributor focused in providing businesses with the newest technological support to save costs, increase operating efficiency and maximize guest experience in the post-pandemic world.

We are the Canadian distributor of Pudu commercial service robots, and offer a line of products designed for the real world that work alongside your team to assist in production on multiple scenarios.



SPARC TECHNOLOGIES

www.sparcglobaltech.com

sales@sparcglobaltech.com

1-866-377-2729

4 Queen Street, 5th floor, St. Catharines, Ontario, Canada L2R 3B0



BellaBot

Premium Delivery Robot



Features

Upgraded All-New Delivery Capabilities

Masterful in delivery, cruising, and escorting guests.

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.

Superlative Trafficability - Stable Operations

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

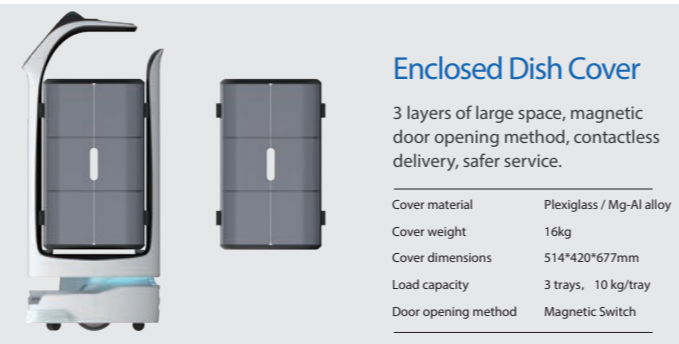
Industry First Robot Power Exchange Technology

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	565x537x1290mm
Robot Weight	57kg
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 height of 8 meters (optional high-level code) Laser Positioning: Code-free with no height restrictions



Multimodal Interaction

Light interaction, touch feedback and smart expression bring an unprecedented human robot interaction experience.



Intelligent Tray

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

