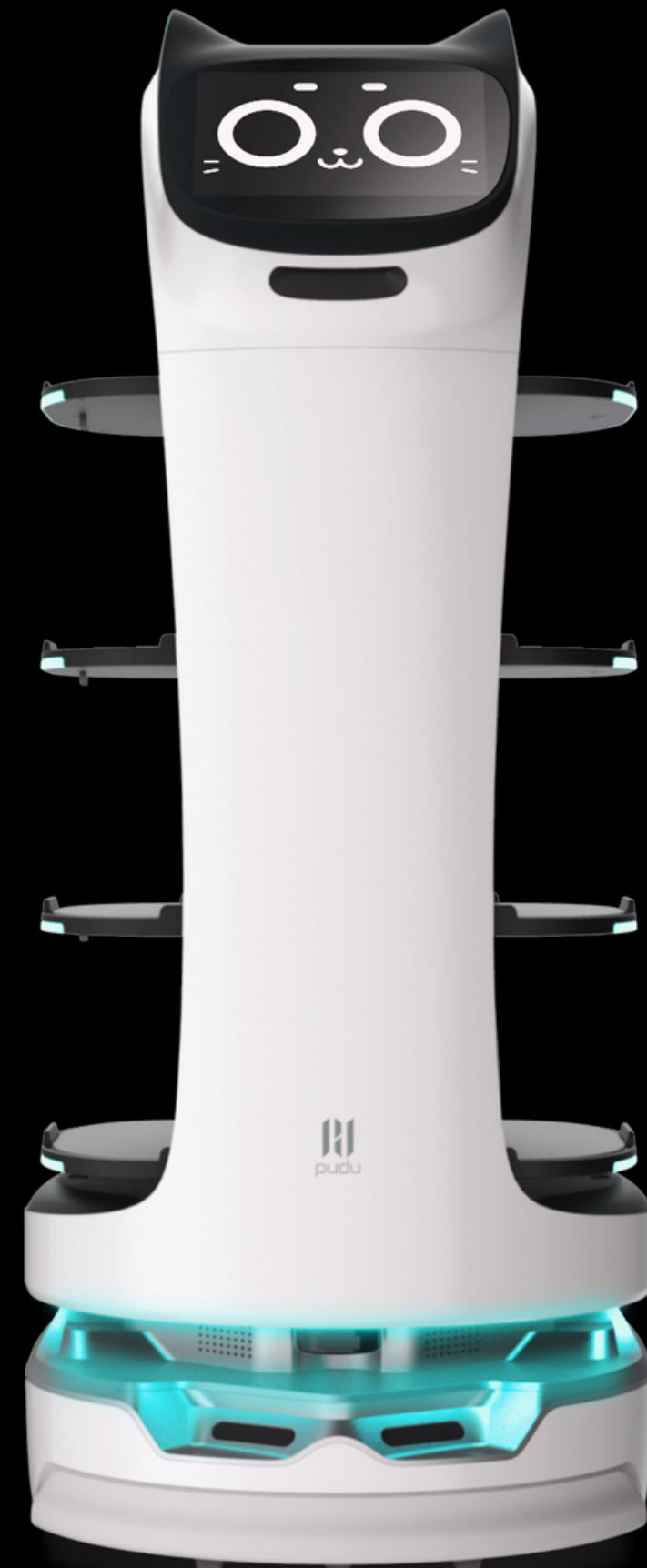


BellaBot Premium Delivery Robot



A SMARTER SOLUTION



A SMARTER SOLUTION

What solutions does BellaBot provide?

- Repetitive table serving
- Table bussing tasks
- Boosting efficiency
- Multimodal interaction with light interaction, touch feedback, and smart expression
- Dual Solutions : Laser SLAM and Visual SLAM

Multimodal Interaction

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

A SMARTER SOLUTION



Intelligent Tray



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



A SMARTER SOLUTION

Serving solution optimized for each vertical

Pudu Robotics has independently researched and developed. Its own robot positioning and navigating technologies based on multi - sensor solution, BellaBot is the serve solution for wide range of business such as restaurants, hospitals, hotels, resorts, serviced residences, community space, office buildings, etc...



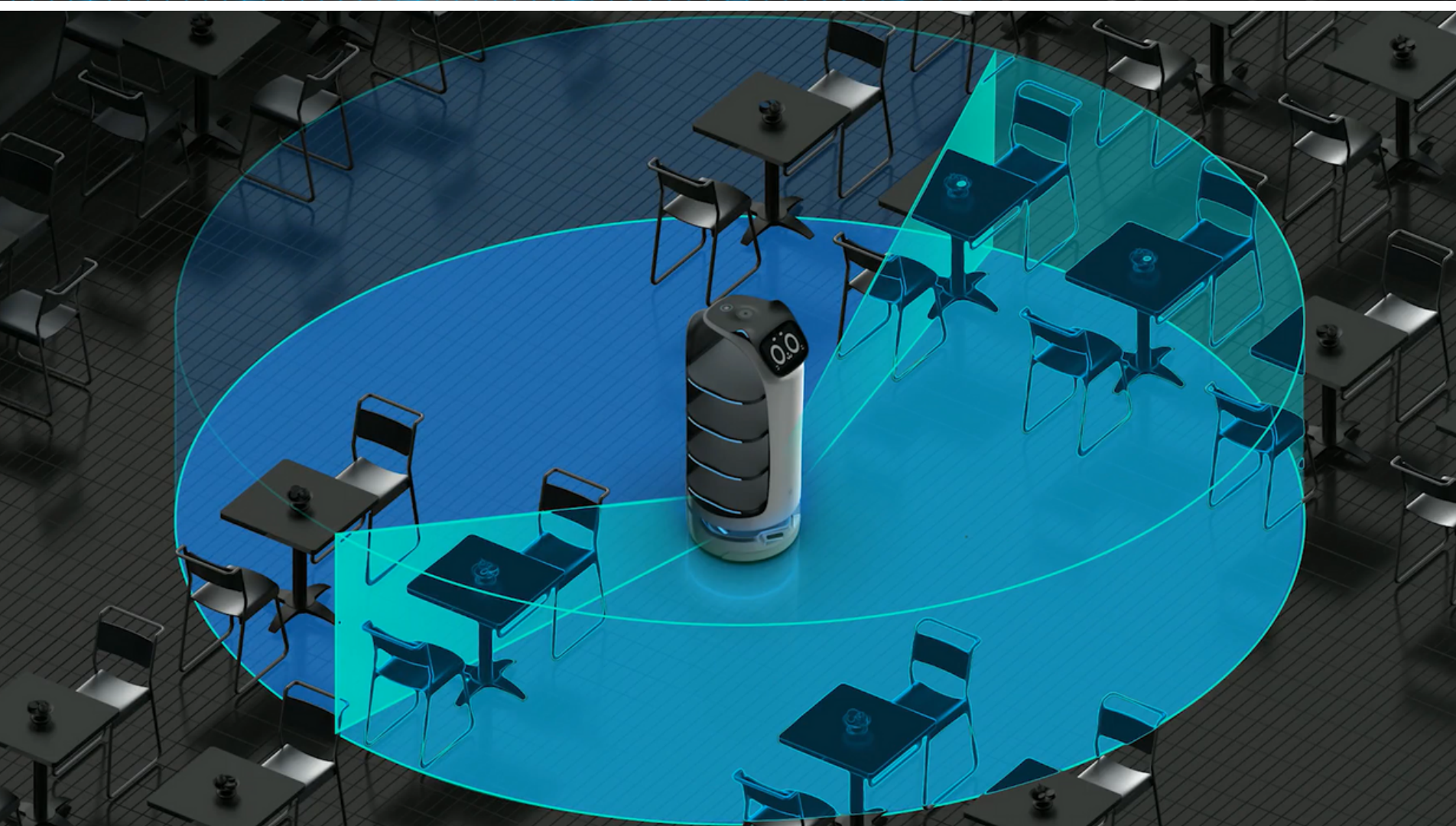
A SMARTER SOLUTION



SLAM Positioning and Navigation



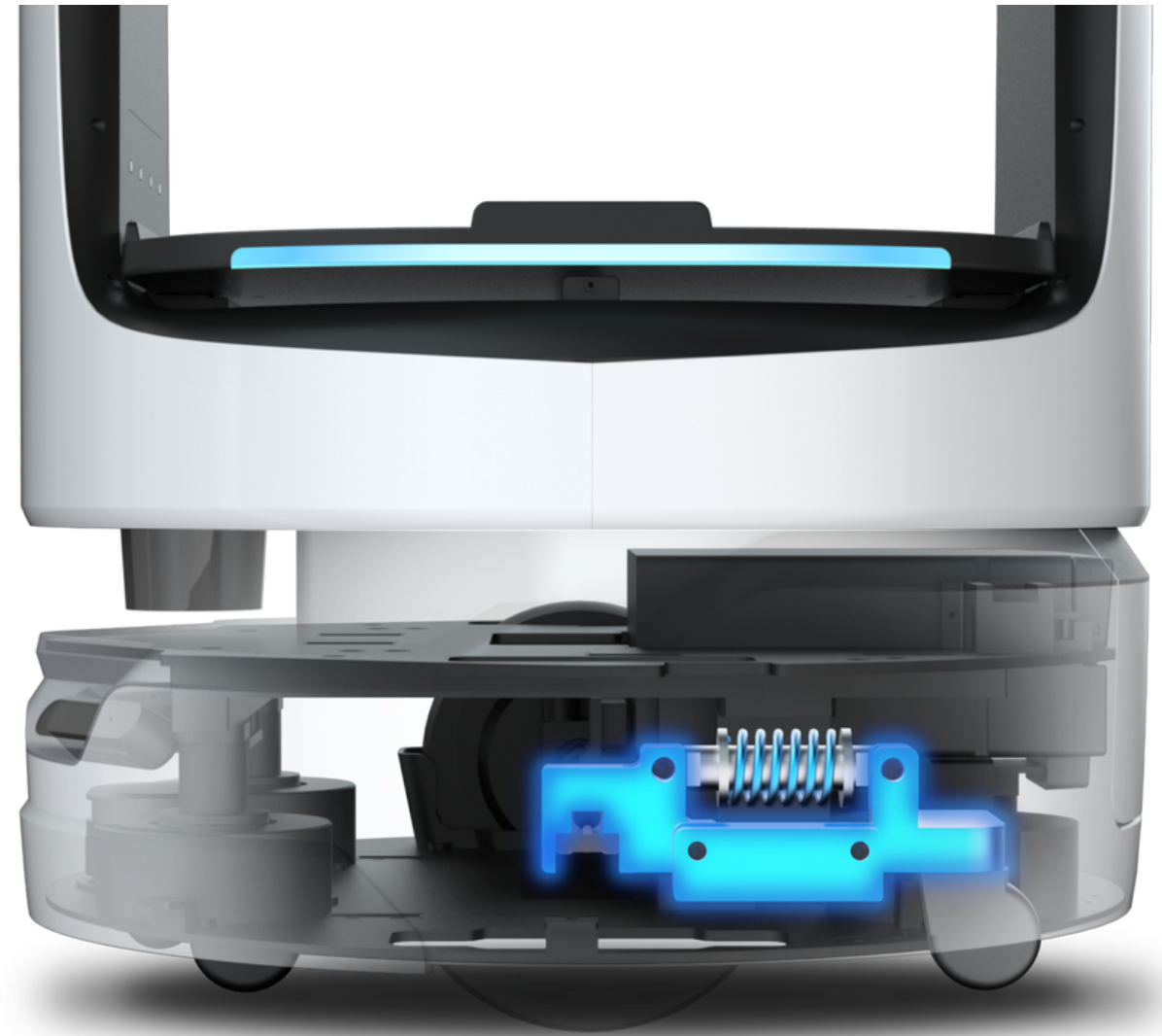
Both multi-sensor fusion technology and laser SLAM allow it to locate the targets with specific requirements



Enclosed Dish Cover

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

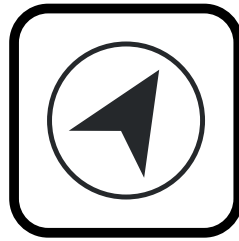




The Independent Suspension System, ensures steady delivery

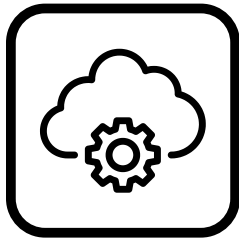
The newly developed interlinked suspension in automotive grade can adapt to surface undulation, effectively reduce the shake due to floor roughness and achieve excellent running ability.

Features



Industry First Dual SLAM Technology

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



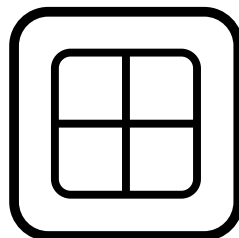
Pudu Cloud Service

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



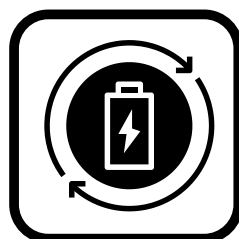
Upgraded All-New Delivery Capabilities

Masterful in delivery, cruising, and escorting guests



Four Core Escort Function

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



Power Exchange Technology

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



Superlative Trafficability - Stable Operations

A minimum clearance at 27.6", and auto-level suspension to ensure smooth and steady operations

Specification

Machine Dimension

22.3" x 21.1" x 50.8"

Machine Weight

121.3lb

Machine Material

ABS / aviation - grade
aluminum alloy

Charging Time

< 4.5H

Delivery Modes

Greeting, delivery, cruise,
birthday, dish-return, and direct
modes

Battery Life

12 - 24H (Battery Exchangeable)

Cruise Speed

1.1 - 2.7 mph adjustable

Capacity of Single Shelf

22lb

Dish Cover Weight

35.3lb

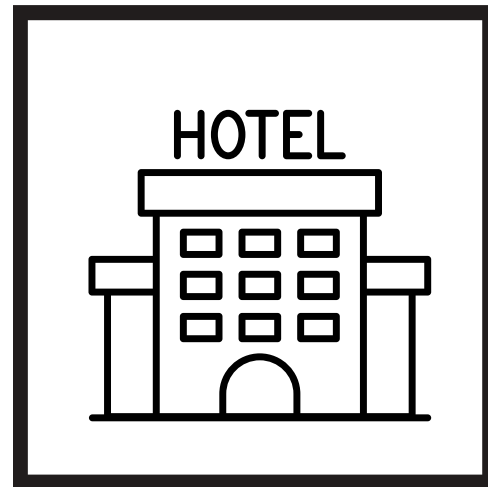
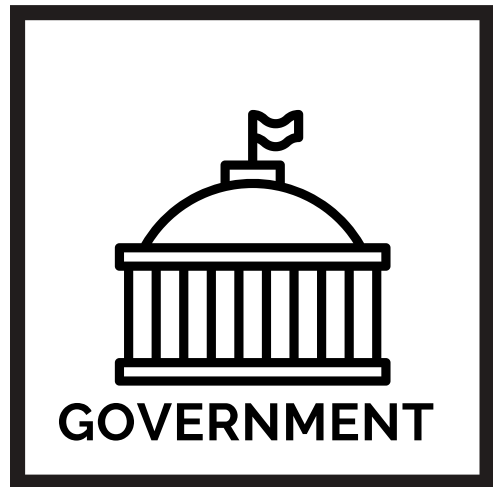
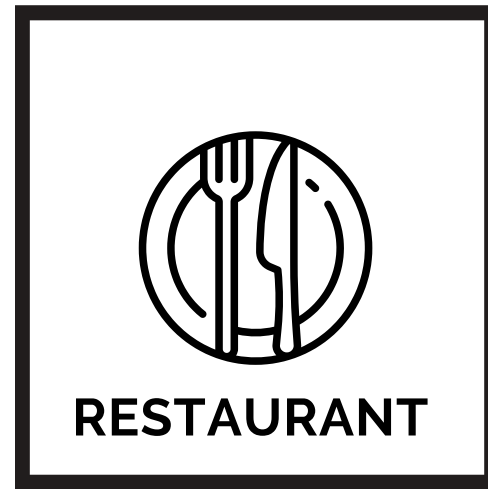
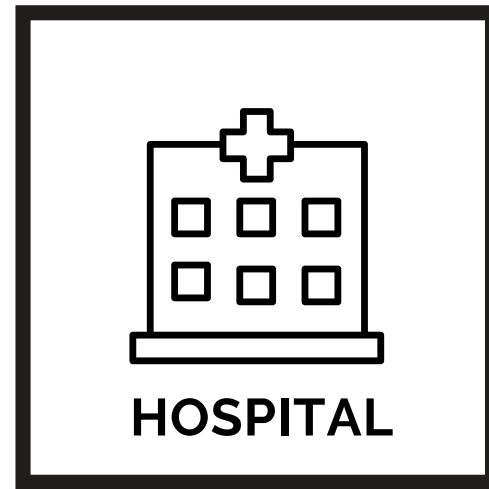
Dish Cover Dimension

20.2" x 16.5" x 26.7"

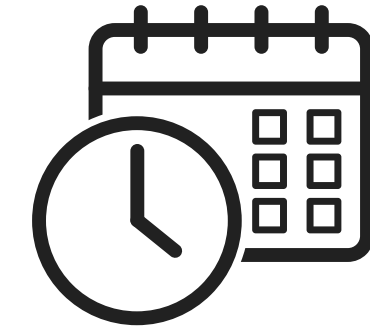
Min Passing Width

27.56"

The smart serving solution for a wide range of business



**FAST
INSTALLATION**



Quick setup without the need to install separate ceiling markers.

**SLAM
AUTONOMOUS DRIVING**



Built to navigate using the SLAM method that recognizes space with a 3D camera and LIDAR sensor.





Our Showroom

Rutech Inc

📍 3500 S. Morgan St. 2FL, Unit 216
Chicago IL 60609

✉ Admin@RutechUSA.com
Support@RutechUSA.com

🌐 rutechusa.com

