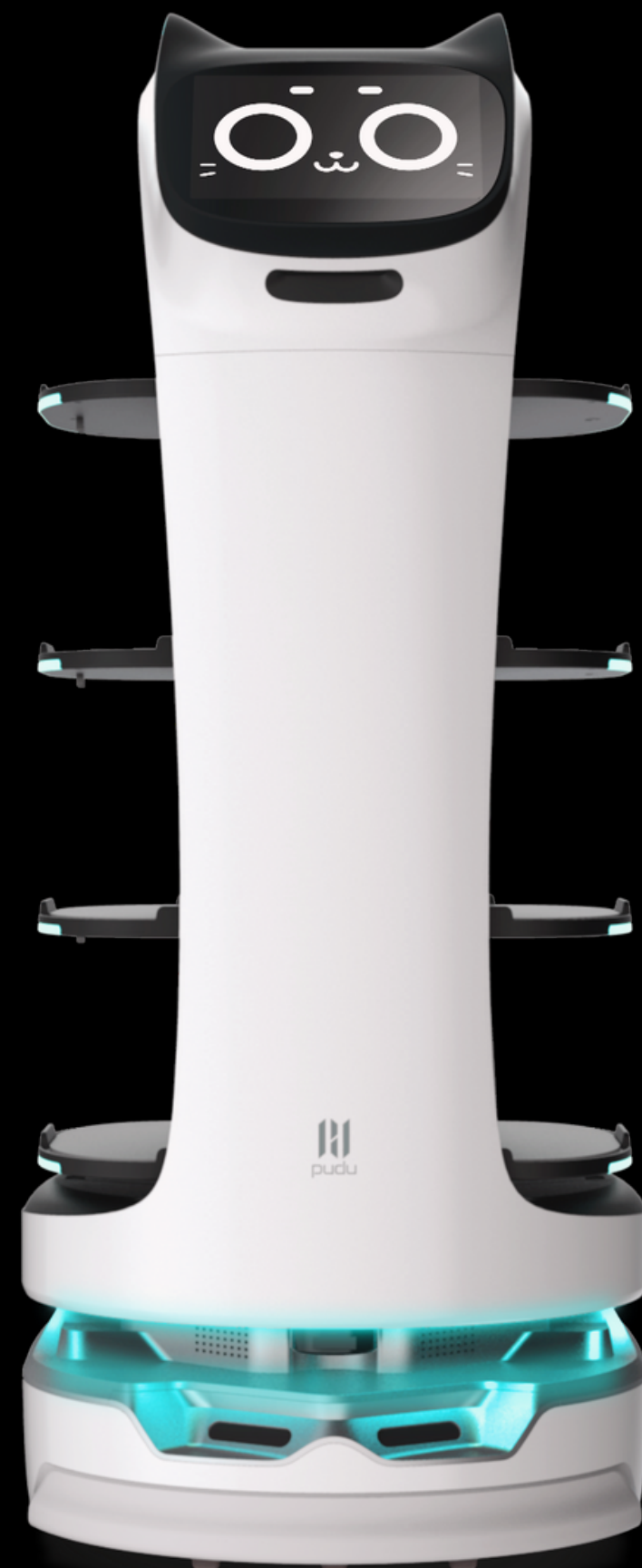


# BellaBot Premium Delivery Robot



A SMARTER SOLUTION





A SMARTER SOLUTION

# What solutions does BellaBot provide?

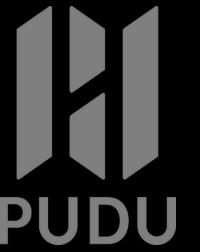
- Repetitive table serving
- Table bussing tasks
- Boosting efficiency
- Multimodal interaction with light interaction, touch feedback, and smart expression
- Dual Solutions : Laser SLAM and Visual SLAM



# 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



# 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



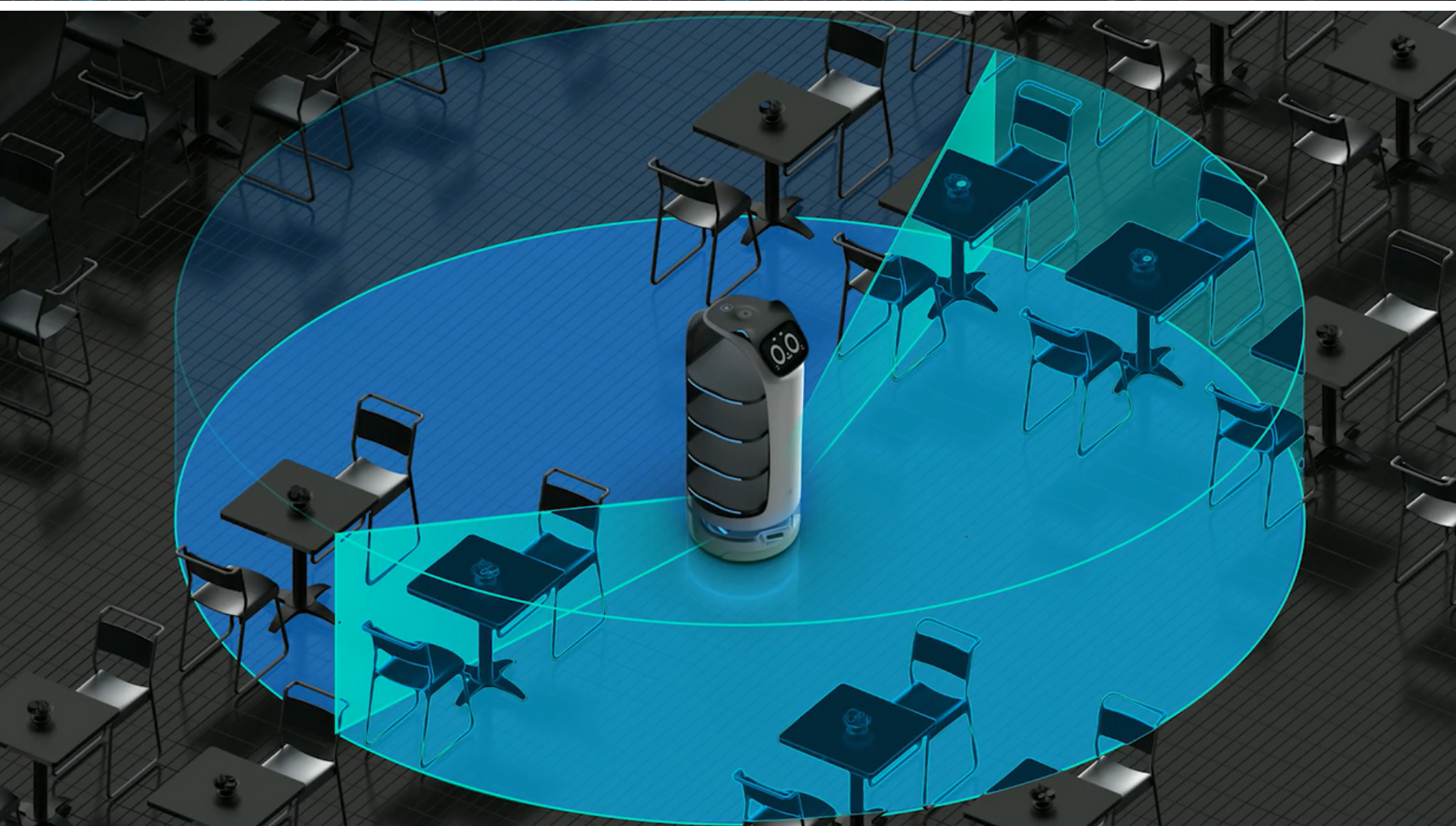




# SLAM Positioning and Navigation



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.



A SMARTER SOLUTION

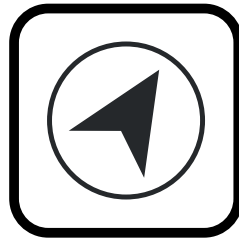


## The Independent Suspension System, ensures steady delivery

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.

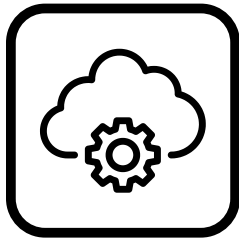


# Features



## Industry First Dual SLAM Techonogy

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



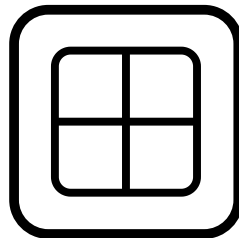
## Pudu Cloud Service

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



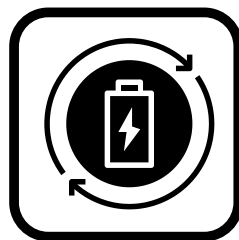
## Upgraded All-New Delivery Capabilities

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

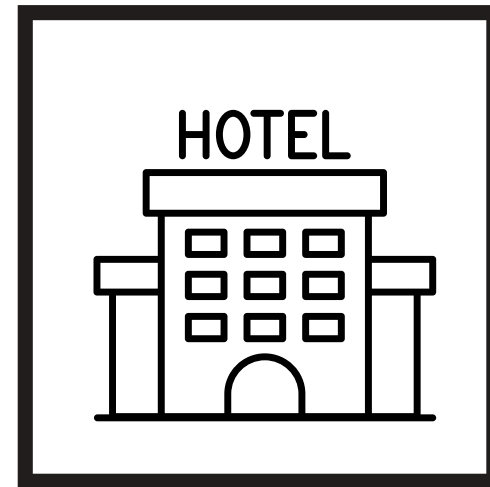
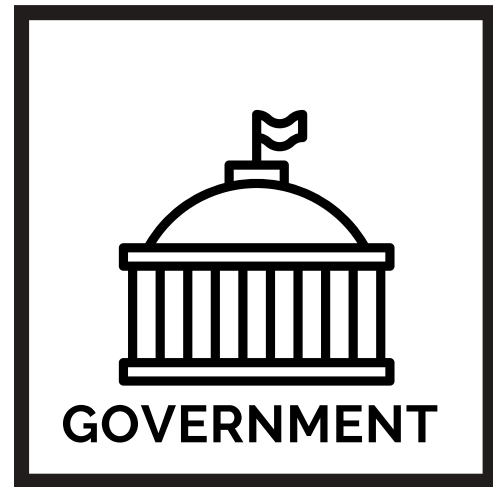
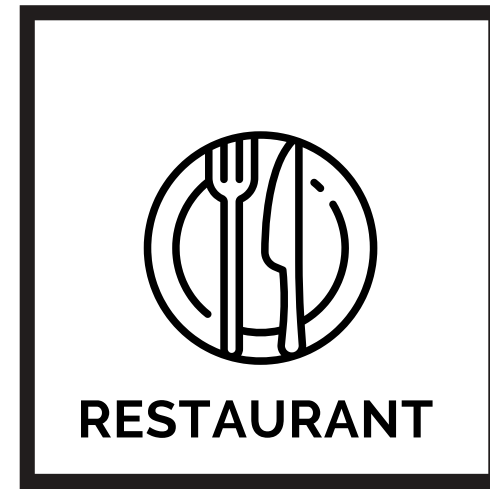
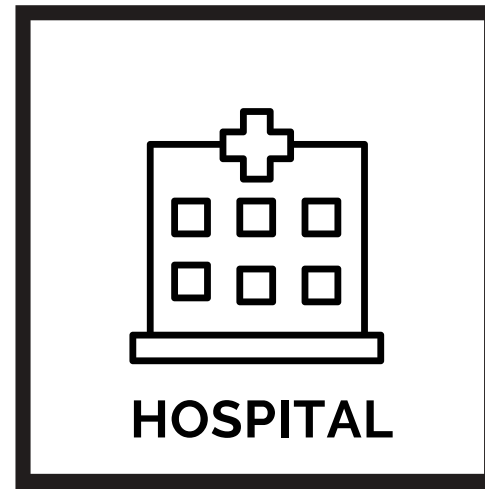
20.2" x 16.5" x 26.7"

## Min Passing Width

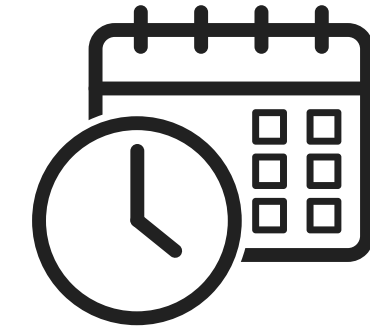
27.56"



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.



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