



BellaBot Pro

Premium Delivery & Advertising Robot





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BellaBot Pro, a premium indoor delivery and advertising solution, embodies the original BellaBot's charming cat-themed persona, offering multimodal interaction, ample payload capacity, and swappable battery technology.

Enhancing these core features, it features a large advertising screen for boosted promotional capabilities. We've refined visual tray detection for greater accuracy. Moreover, ambient tray lighting ensures clear guidance during meal pickup. With added front-view cameras, it enhances environmental awareness and enables interactive greetings. Supported by VSLAM + Lidar SLAM visual positioning, it's well-suited for large-scale deployments.





Key Features



Superior Mobility



Customized Advertisement



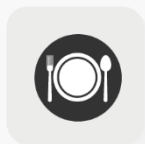
Upgraded VSLAM+



Omni-Sense Safety



AI Voice Interaction



Smart Tray Detection



Crosswalk Caution



Multiple Delivery Modes



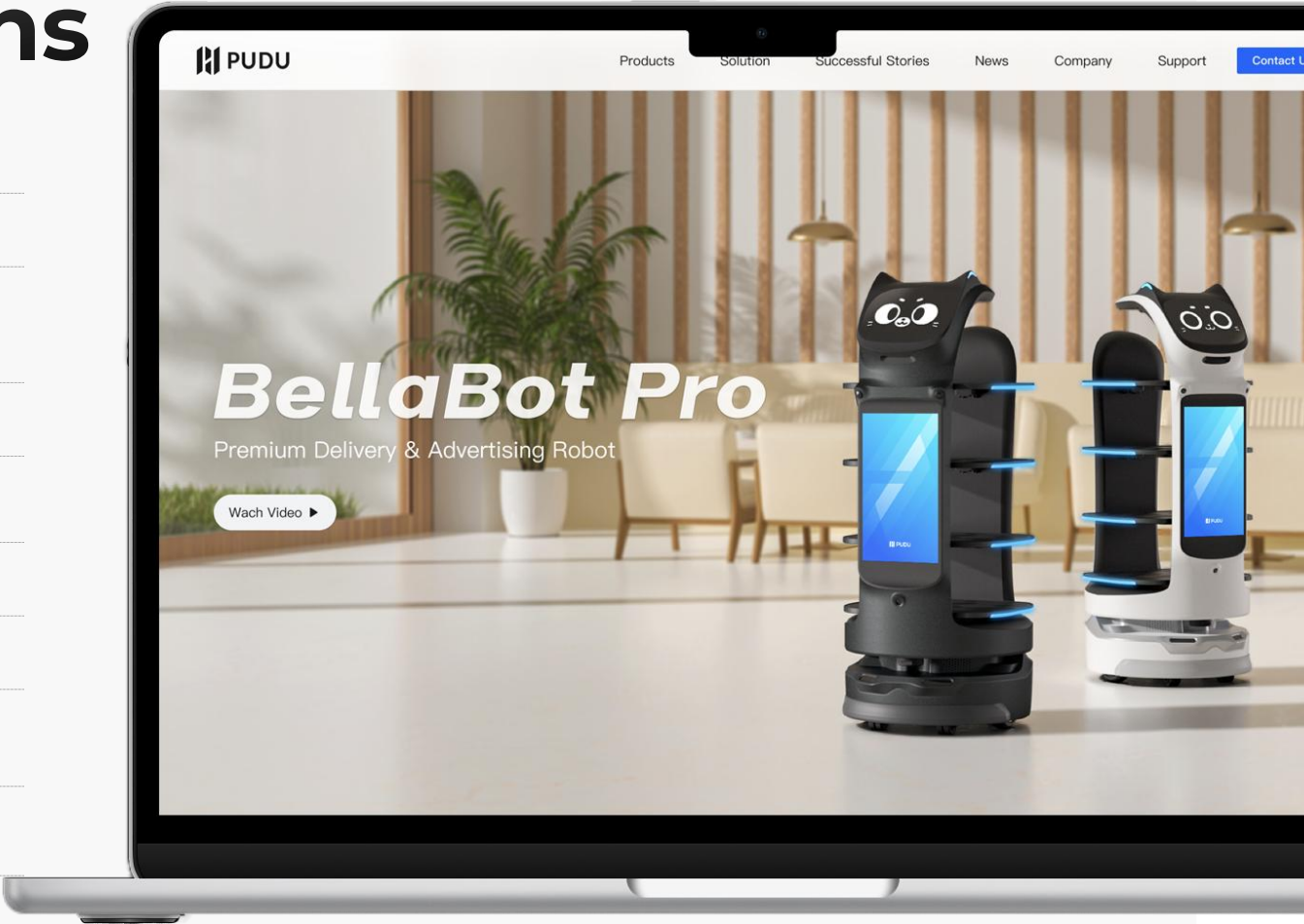
Product Introduction





Product Specifications

Machine Dimension	57×55×129cm (22.44 × 21.65 × 50.79 in)
Machine Weight	55KG(121.25 lbs)
Loading Capacity	40kg (10kg/tray) 88.18 lbs (22.05 lbs/tray)
Tray Dimension	410mm×500mm (16.14 × 19.69 in)
Battery Capacity	25.6Ah
Cruise Speed	0.2-1.2m/s (0.66 – 3.94 ft/s)
Charging Time	4.5h
Screen	10.1-inch LCD screen and 18.5-inch LCD screen
Path Clearance	≥65cm (≥ 25.59 in)
Navigation Methods	VSLAM & Lidar SLAM



VSLAM+ for Rapid Deployment Across Vast Venues

Precision Meets Presence

- Marker-less deployment, reducing **75%** deployment time
- Comfortable operation even in high ceiling environment up to **30 meters**
- Extra large scene mapping for up to **200,000m²**
- Improved stability with fewer changes of the positioning reference
- Greater adaptability of different scenarios under different light conditions



In-store Marketing



Reach More Customers with 18.5" Large Ad Display

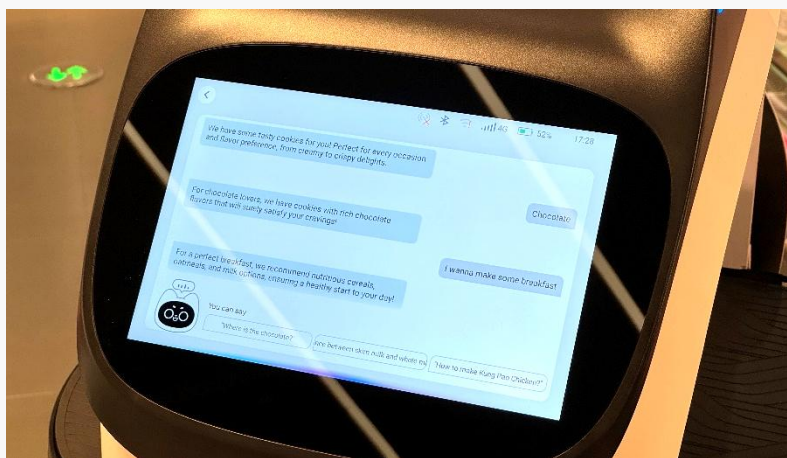
- The 18.5" large ad screen can display promotional videos or pictures, providing a more **eye-catching approach** to marketing.
- Centered ad display perfectly adapts to the customer's angle of view, while maintaining the design aesthetic of the robot.
- BellaBot Pro is not only attractive to adults but also to children, making it ideal to impress the whole family.



In-store Marketing

Customized Advertisement

- Smarter voice communication capabilities powered by advanced AI: greeting guests, explain and compare products, and guiding customers effortlessly.



A Whole New Level of Meal Pick-up



Placing dishes onto the tray->

BellaBot Pro departs ->

Arrives at destination ->

Lights up to remind for meal pickup ->

Customer retrieves meal ->

Tray detects that dishes are taken ->

BellaBot Pro continues to next task

Effortless Maneuvering in Tighter Spaces

With a minimized clearance at 65 cm, BellaBot Pro is specially designed for complex and dynamic environments.



- Delivering the smoothest mobility capability within the same size as large delivery robots, it effortlessly navigates complex environments.
- Improved mobility in tight spaces enhances the robot's efficiency and performance, making it more adaptable to diverse environments and suitable for versatile applications.
- With a clearance of 65cm, it navigates seamlessly through various types of passages, including straight, L-shaped, S-shaped, and pivot turns.



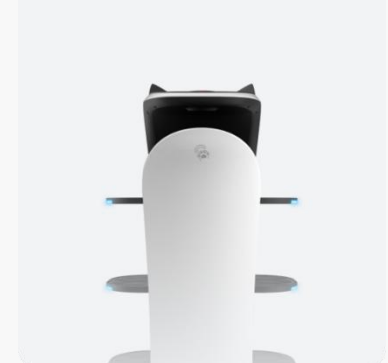
Enhanced Multimodal Interaction



Ear-touch Interaction



Back-touch Interaction



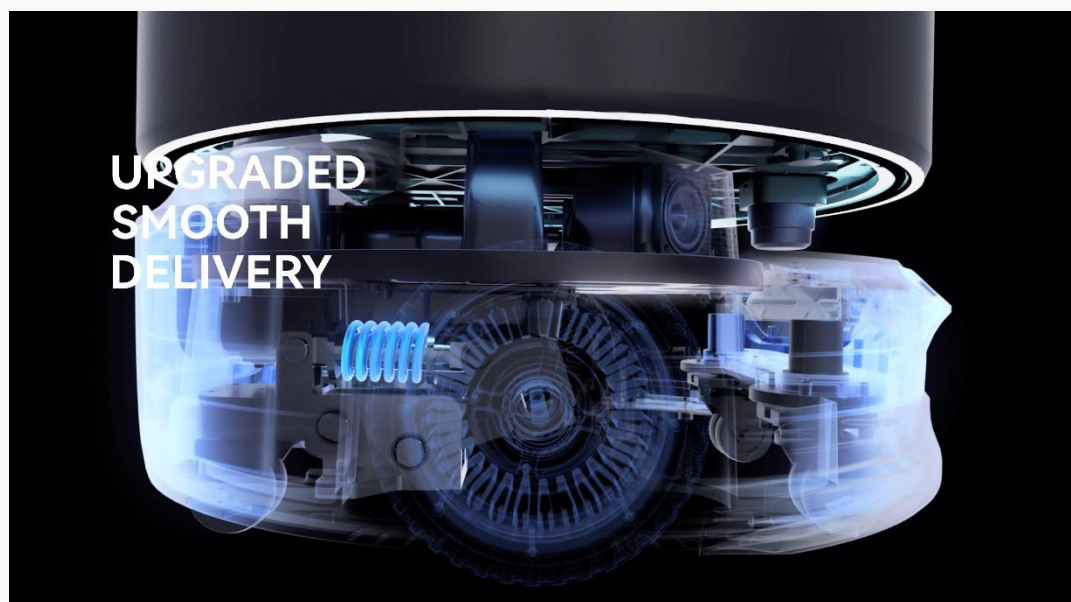
Light Interaction



AI Voice Interaction



Stabilized Delivery



Upgraded for Stability, Ready for Any Scene

- The newly **upgraded vehicle-grade chassis** and motion control algorithms **enhance delivery stability**, making it suitable for delivering various items in diverse scenarios.
- Enhanced with **shock-absorbing technology**, our upgraded automobile-level adaptive suspension significantly improves the stability of BellaBot Pro, allowing it to transport dishes with food decorations, porridge, soups, and drinks while minimizing spills.

Multiple Work Modes

Multi-Modal Delivery

- One robot serves for multiple purposes



Delivery Mode



Cruise Mode



Direct Mode



Dish Return Mode



Birthday Mode

Multi-Table Delivery

- Serve several tables at one go

Meet the diversified delivery needs

Multi-Industry, Multi-Scenario Coverage



Restaurant & Café



Hospital & Clinic



Hotel & Resort



Office



Senior Living



Manufacture



Entertainment & Leisure



Retail

Customer Value



A differentiated experience to attract more customers

BellaBot Pro redefines customer experience with an eye-catching way to attract customers and a smart, thoughtful way to serve them.

A novel approach for in-store marketing

BellaBot Pro allows your marketing campaigns and special offers to reach more customers, delivering a higher conversion.



Customer Value

Robot-human collaboration to improve service and efficiency

Human workers collaborate with BellaBot Pro in a way that they can both do what they are best at.

BellaBot Pro is ready to assist and improve humankind's working experience.



Manpower shortage is no longer a problem

Multiple delivery mode can well assist stores in completing tasks such as food delivery , and delivering snacks, which will free up human workers from dull and duplicate tasks.

Pudu Robotics

Pudu Robotics, a [global leader in the service robotics sector](#), is dedicated to enhancing human productivity and living standards through innovative robot technology.

With a focus on R&D, manufacturing, and sales of service robots, PUDU emphasizes three core technologies: [mobility](#), [manipulation](#), and [artificial intelligence](#). PUDU has taken the lead in establishing a comprehensive range of [specialized, semi-humanoid, and humanoid robotic products](#) in the industry.

Currently, PUDU offers three product lines: [service delivery robots](#), [commercial cleaning robots](#), and [industrial delivery robots](#), which are deployed across ten major industries, including food and beverage, retail, hospitality, healthcare, entertainment and sports, industrial facilities, education, and more. To date, PUDU has successfully shipped [over 90,000 units](#) to a variety of markets, with a presence in [more than 60 countries and regions worldwide](#).



Cooperation

80%

The market share of Top 100 restaurant clients

40,000+ Deployed Store



m&m's

Coca-Cola



海底捞



Jollibee

鼎泰豐

Denny's



Maxim's

DUNKIN'



Gami

Catering Partners

Walmart



accenture



万豪酒店

Hilton Garden Inn

MediaMarkt



Royal Dutch Airlines



Sheraton

TOTTUS



orange



Shell

FOUR SEASONS
HOTEL
PUJONG SHANGHAI

JouéClub!
La meilleure façon de jouer



Carrefour

Panasonic



Hilton



TOPGOLF

Non-Catering Partners

KONE



Qualcomm



TEXAS
INSTRUMENTS

Amphenol



life.augmented


سابك
sabic

Software and Hardware Partners



Thank you!

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