

INFAN200BOT

Premium Delivery & Advertising Robot



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INFAN200BOT

Premium Delivery & Advertising Robot

INFAN200, a premium indoor delivery and advertising solution, embodies the original INFANBot'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 and expanded dish recognition capabilities. 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 +Laser SLAM visual positioning, it's well-suited for large-scale deployments.



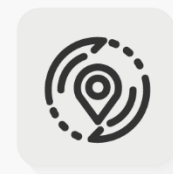
Key Features



Superior Mobility



Customized Advertisement



Upgraded Vslam+



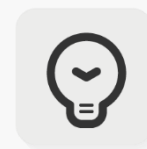
Omni-Sense Safety



Dish Recognition & Broadcast



Smart Tray Detection



Crosswalk Caution



Multiple Delivery Modes

Product introductions



Product Specifications

| | |
|--------------------|---|
| Machine Dimension | 57×55×129cm |
| Machine Weight | 57KG |
| Loading Capacity | 40kg (10kg/tray) |
| Tray Dimension | 410mm×500mm |
| Battery Capacity | 25.6Ah |
| Cruise Speed | 0.2-1.2m/s |
| Charging Time | 4.5h |
| Screen | 10.1-inch LCD screen and 18.5-inch LCD screen |
| Path Clearance | ≤65cm |
| Navigation Methods | VSLAM & Laser SLAM |



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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



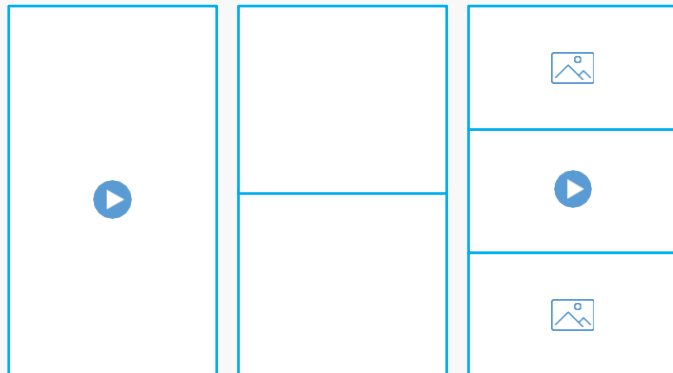
Reach More Customers with 18.5" Large Ad Display

- 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

- INFAN Business Management Platform offers the flexibility to customize the content presented on the ad display.
- The ad playlist can be easily generated, with customer-defined frequency and the sequence of the ads.



A Whole New Level of Meal Pick up



Placing dishes onto the tray->

INFAN200BOT recognizes dishes

-> **INFAN200Bot** departs ->

Arrives at destination ->

Lights up to remind for meal pickup -

> Announces dish information ->

Customer retrieves meal ->

Tray detects that dishes are taken ->

INFAN200Bot continues to next task

Smart Trays Detection & Dish Recognition

Seamless Delivery with Smart Tray Detection

- Fish-eye cameras automatically detect tray content, optimizing the entire self-service dining experience.

Dish Recognition & Broadcast*

- The integration of dish recognition technology empowers BellaBot Pro to not only **announce dish names** but also provide **valuable insights such as cooking methods and ways of eating**, enriching diners' experiences with enhanced information.



Effortless Maneuvering in Tighter Spaces

With a minimized clearance at 65 cm, INFAN200BOT is specially designed for complex and dynamic environments.

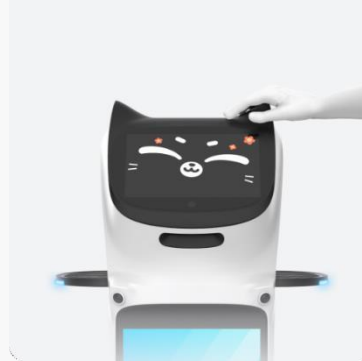


- Delivering the smoothest mobility capability within the same size as large delivery robots, it effortlessly navigates complex environments.
- Improved mobility in tight spaces enhances the robot's efficiency and performance, making it more adaptable to diverse environments and suitable for versatile 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



Voice Interaction



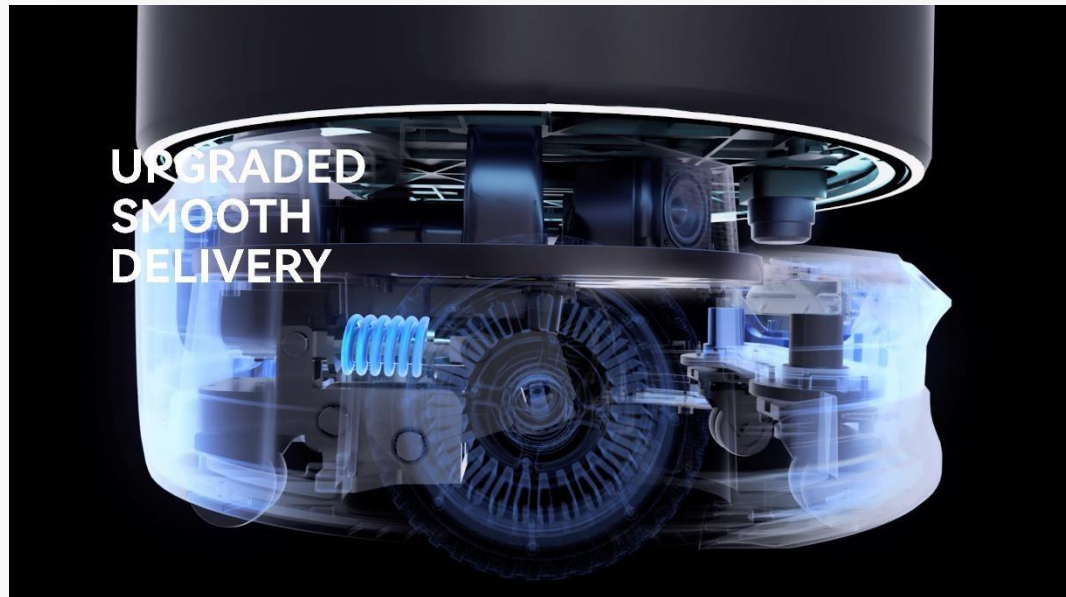
Omni Sense Safety



Obstacles Detected, Journey Perfected

- A revolutionary environmental perception solution, equipped with **2 front-view cameras, 3 RGBD sensors, and 1 lidar**, achieves full coverage of front-end chassis detection. It automatically halts upon encountering obstacles and navigates with ease while steering forward.
- The addition of two front-view cameras ensures **comprehensive detection coverage** at the front end of the robot, enhancing safety in complex environments.
- This **reduces the likelihood of accidents**, improves user experience, enhances brand image, and increases consumer trust.

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 INFAN200, allowing it to transport dishes with food decorations, porridge, soups, and drinks while minimizing spills.

Crosswalk Caution

Projecting Safety at Every Turn

- INFAN200BOT possesses autonomous safety awareness, projecting ground patterns near intersections to alert pedestrians, ensuring **blind spot safety**.
- For stores: Minimize the risk of blind spot accidents caused by obstructed walls, thereby reducing potential compensation and repair costs. This also enhances brand image and increases consumer trust.
- For customers: Ground projection lights serve as alerts for pedestrians, signaling the presence of approaching robots and enhancing their safety awareness.



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

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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

INFAN200BOT 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

INFAN200BOT 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 INFAN200BOT in a way that they can both do what they are best at.

INFAN200BOT 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.

Thank you!



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