

BellaBoT

Interactive Delivery Robot



The original BellaBoT is an autonomous interactive delivery assistant robot beloved by customers and staff. Featuring an innovative bionic design, various customer interaction modes, and multiple functions like greeting, delivery, cruise, birthday and dish-return, BellaBoT provides users with an unprecedented food delivery robot experience.

BellaBoT Overview

3D Obstacle Avoidance Sensor

The RGBD on BellaBot's neck and two sets of cameras on its chasis Provide BellaBot with 3D perception

ABS Industrial Plastic & Aviation Grade Al-Alloy

Structurally Stable, Oxidation-resistant and corrosion-resistant

Latest Lidar

Customized lidar with more accurate detection



Visual Camera

The infrared camera on top of BellaBot provides real-time V-SLAM positioning and navigation

Infrared Induction Tray

4* induction trays that intelligently perceive the tray's load and ensure higher efficiency of distribution.

Dish Cover (Accessory)

Enclosed dish cover with 3 layers of large space, magnetic door-opening method. Contactless delivery, safer service.



Independent suspension

Auto-level independent linkage suspension system with high-efficiency on bump avoidance.

Key Features

Intelligent induction Tray



- Perceive the tray's load to ensure more efficient delivery.
- Modular structure for quick disassembly and quick cleanup

Multimodal Interaction



- Light interaction, touch feedback, and smart expression allow for unprecedented human-robot interaction

Power Exchange Technology



- Industry's first power exchange technology
- Enables quick battery replacement to keep the robot running around the clock

Intelligent Lattice Screen



- A lattice screen on BellaBot's back
- Allows customization to display table numbers, instructions, greetings, and other messages.

BellaBot Pro

Interactive Delivery
and Advertising
Robot



BellaBot PRO embodies the original BellaBot's charming cat-themed persona while offering enhanced features like dish recognition and broadcast, and an 18.5" advertising display screen. Both models incorporate swappable battery technology for true 24/7 operation.

BellaBot Pro Overview



Key Features



Superior Mobility



Customized Advertisement



Upgraded Vslam+



Omni-Sense Safety



Dish Recognition & Broadcast



Smart Tray Detection



Crosswalk Caution



Multiple Delivery Modes