

PRODUCT DESCRIPTION

LuckiBot is an AI food delivery robot designed for restaurants. Equipped with an intelligent navigation system, it can autonomously plan routes, collaborate with multiple robots, and avoid obstacles. This enables it to deliver various dishes and beverages smoothly, return dishes, and significantly improve operational efficiency in the catering industry.

Overall Size	530 mm × 500 mm × 1320 mm
Net Weight	39 kg
Loading Space	Top and middle trays: 500 mm × 420 mm Bottom tray: 480 mm × 400 mm 3 ~ 4 tiers adjustable
Tray Load	Single tray loads 10 kg, maximum 40 kg in total
Hardware Platform	Qualcomm 8-core chip + 32-Bit Microchip MCU
Battery Life	10 h (typical cruising scene)
Charging Time	4.5 h
Network Supports	4G supports TDD-LTE, FDD-LTE WiFi supports 2.4G/5G
Navigation Sensors	LiDAR × 1 + Depth Vision Camera × 1 + Infrared Camera × 1 + IMU × 1



DETAILS



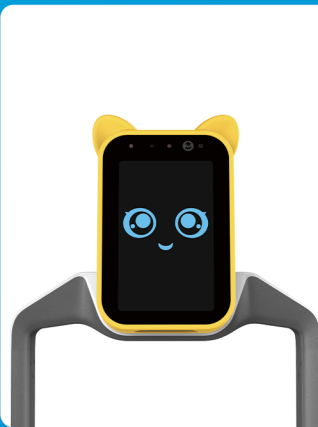
Wide-Open Large Tray

- 50 × 42 cm large layers to fit in as many dishes you want.
- Adjustable layers that fit all delivery needs.



Multi-Link Vehicle Suspension

- Auto-level independent linkage suspension system with high effectiveness to avoid bumps.
- Stable operation in various difficult environments such as uneven and greasy ground.



Accessories

- Robot headgear and body stickers make your machine more personal and can attract more customers.
- The cup holder can firmly hold the cups in the slot, ensuring stable operation on any terrain without spilling any liquid.



Food Protector

The fully transparent acrylic material is easy to clean, disinfect, assemble and disassemble, with airtightness up to 80%, which can ensure the safety and hygiene of the delivery process.

FEATURES



Stable Delivery

- LuckiBot has a remarkable capacity to deliver more than 400 dishes per day.
- It boasts twice the carrying capacity of manual delivery, ensuring high efficiency.



Diversified Promotion

- LuckiBot can greet customers at a fixed point or move around to attract customers.
- It can perform various tasks, display advertisements, recommend signature dishes proactively, and distribute snacks while customers wait.



Multiple Collection

- LuckiBot handles the collection and delivery of meals, taking on heavy lifting and reducing the time spent on round trips.
- It supports one-time returns for multiple locations.



Secondary Development Supported

- Offer 490+ free APIs for secondary development.
- Seamlessly integrate with your system, POS, payment, order, etc.
- The cost of secondary development is one-tenth of the industry standard.

ALL SCENARIOS COVERED



Restaurant



Supermarket



Factory



Nursing home



Hotel



Club



Office



Hospital