Intelligent Restaurant Service Robot

Create a smarter restaurant service experience

GL·F3

Multi-Point Deployment

One Click Back to Disk

One Click Call Service

Rapid Deployment

Intelligent Restaurant Service Robot GL·F3

Advantages

Multi Point Delivery

- Built-in delivery assistant application supports multi-point delivery, single-point fast delivery and other delivery modes to achieve fast and intelligent delivery.

One click back to disk

- After the order is given, GL-F3 can perform multi-point plate collection service and deliver the collected dirty plates to the cleaning point to the waiter.
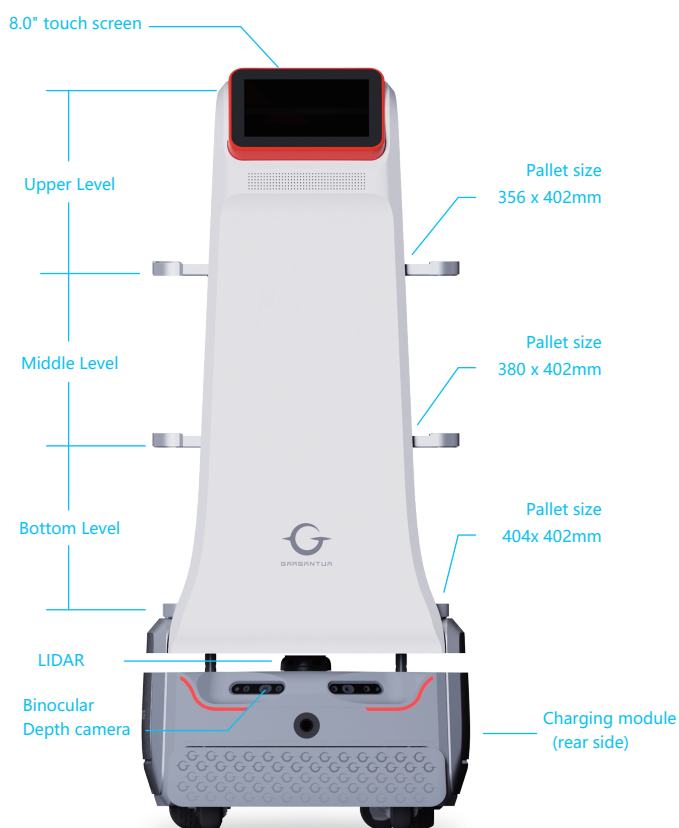- It supports one-touch plate return and can collect multiple tables at one time.

One-Click Call Service

- Restaurant guests can scan the two-dimensional code of the table through the cell phone to give the corresponding service instructions, the robot in call mode receives the call and will come to the table to deliver food and return the plate service.

Quick Deployment

- Equipped with industry-leading multi-sensor fusion navigation and obstacle avoidance technology, environment modeling system and related algorithm of map building technology, making the deployment link easy and efficient.
- No need for scene transformation, manual intervention, or reliance on beacons, making deployment simple and fast.

Performance Parameters

8.0" touch screen

Upper Level

Pallet size
356 x 402mm

Middle Level

Pallet size
380 x 402mm

Bottom Level

Pallet size
404x 402mm

LIDAR

Binocular
Depth camera

Charging module
(rear side)

Meet the maximum 10H continuous operation

It supports 10 H delivery tasks at full power, allowing waiters to travel 1/3 less per day.

Multi-terrain coverage, ultimate passability

Smooth pavement, ordinary carpet, smooth marble, wooden floor can pass distribution, the minimum passing distance of 750mm, climbing capacity of 5 °.

Safe and stable walking

The use of dual depth cameras, multi-sensor technology and the integration of multi-machine avoidance algorithm, in the acceleration and deceleration phase, turning phase, obstacle avoidance and other transitions safely and smoothly, multiple machines at the same time distribution more safe and efficient.

0.16m2 oversized tray

Has three layers of pallets, the average area of a single layer is about 0.16 ㎡, the load of each layer ≥ 10kg.

Multi-end task scheduling

Waiters can place tasks such as intelligent food delivery and extremely fast plate return on the robot operation screen; the customer side opens the robot call service page by sweeping the QR code in front of the table on the cell phone, choosing delivery or plate return service, placing the task, and the robot arrives at the point for precise service.