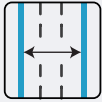


DINERBOT T8

Hello, future



Superior Mobility



Plate Detection



204°
Obstacle Detection



Automatic Recharging



Application Scenarios



Product Parameters

Product Size (WxDxH)

384 x 468 x 1123 mm

Product Weight

38 kg

Number of Layers

3

Load Capacity

20 kg (5 kg per layer with bottom layer capacity up to 10 kg)

Minimum Passage Width

Visual SLAM: 55 cm Superior Mobility
Laser SLAM: 60 cm Superior Mobility

Battery Life

Visual SLAM: 10-15 h
Laser SLAM: 8-10 h

Charging Time

5 hours

Operating System

Android

*All battery claims depend on many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced. Battery life and charge cycles vary by use and settings.

10.1 Inch HD Touch Screen

Emergency Stop Switch

Tray Indicators

2+1 Stereo Vision Module



Fully Autonomous Positioning and Navigation

The simultaneous localization and mapping (SLAM) system is developed independently by KEENON Robotics. With this technology, the robot operates efficiently and stably in various applications such as restaurants. Two SLAM Solutions to Choose
Visual SLAM: Technologies such as ENCODER, IMU, ODOM, IMAGEMODULE and so on, guarantee positioning accuracy and robustness.
Laser SLAM: With self-developed technologies like ENCODER, IMU, LIDARODOM, LDAR, IMAGEMODULE, quick deployment can be completed without being limited by site conditions.

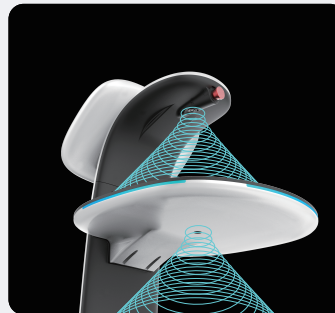


Plate Detection Can Upgrade Dining Experience

Plate detection can accurately identify plate pick-and-place and the multi-modal interaction with word+lighting+voice can clearly indicate pick-up reminder or mistake.



Multi-Robot Collaboration

With a powerful planning system, multiple robots can cooperate smoothly in the same working environment, elevating efficiency, reducing cost, and offering customers a more intelligent service and experience.