KettyBot
Reception & Delivery Robot

A SMARTER SOLUTION

What solutions does KettyBot provide?

- Repetitive table serving

- Table bussing tasks

- Boosting efficiency

- With a 18" LCD screen, display your ads

- Dual Solutions : Laser SLAM and Visual SLAM

Autonomous Navigation Planning

Laser & Visual Dual Navigation solution guarantees obstacle detection accuracy, making the robot safer

A SMARTER **SOLUTION**

Multi-robot Cooperation

Powered by PUDU Scheduler System. KettyBot can directly communicate with any robot in the same network

Serving solution optimized for each vertical

Pudu Robotics has independently researched and developed. Its own robot positioning and navigating technologies based on multi - sensor solution.
 KettyBot is the serve solution for a wide range of business such as restaurants, hospitals, hotels, resorts, serviced residences, community space, office buildings, etc...

Two Forms for Greater Versatility

The removable rear cover of KettyBot features a minimalist, streamlined design that makes it more compact. Together with two trays and the collecting box at the bottom, KettyBot satisfies all your needs in one.

Ultra-long Battery Life

- Battery Capacity: 25.6Ah
- Batter Life: > 8H

Automatic Recharging: KettyBot automatically provides a voice alert and UI notification when the battery is low, and simultaneously returns to the docking station.

Intelligent Color Display

The 18.5" large ad screen can display promotional materials in the customized zone, providing a more eye-catching approach for marketing

Specification

Machine Dimension
17.1" x 17.7" x 44"

Machine Weight
83.7lb

Carrying Capacity
66lb

Charging Time
< 4.5H (Automatic Recharging)

Delivery Modes
Greeting, delivery, cruise, birthday, dish-return, and direct modes

Battery Life
> 8H

Cruise Speed
Max 2.7 mph

Ad Display Dimension
18.5''

Obstacle Negotiation Height
0.3''

Min Passing Width
21.66"

Features

AI Voice Interaction

Exclusive situational dialogues with cutting edge echo cancellation, noise suppression, and reverberation elimination technology.

Automatic Recharging

KettyBot automatically provides a voice alert and UI notification when the battery is low, and returns to the docking station simultaneously.

Customer Attraction

Independently developed the distributed Pudu Scheduler system, comprehensively upgraded the multi-machine collaboration capability

Customized Advertisement

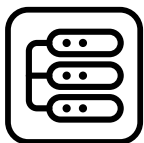In store marketing with a large ad display

Greeting & Escorting

With autonomous path planning, the robot can lead customers to their tables in the optimal path, providing improved customer experience and reducing waiter workload

Superior Mobility

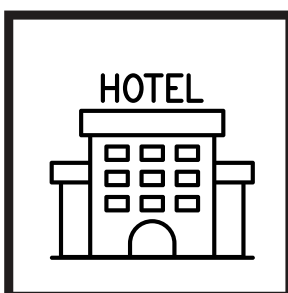Two sets of RGBD cameras on the neck and the chassis form a 3D obstacle avoidance
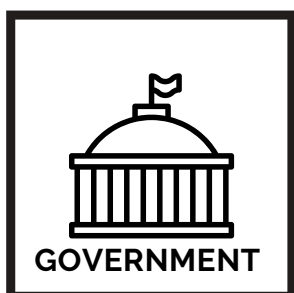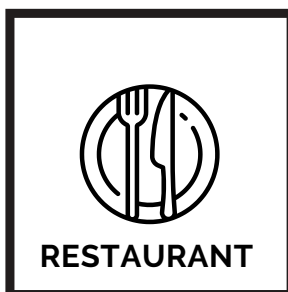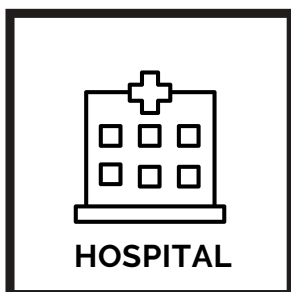
Multiple Delivery Modes

Contains three different modes: Multi-table Mode, Birthday Mode and Cruise Mode

A SMARTER SOLUTION

The smart serving solution for a wide range of business

OFFICE

HOSPITAL

RESTAURANT

SENIOR HOME

GOVERNMENT

DAY CARE

HOTEL

SHOPPING

FAST INSTALLATION

Quick setup without the need to install separate ceiling markers.

SLAM AUTONOMOUS DRIVING

Built to navigate using the SLAM method that recognizes space with a 3D camera and LIDAR sensor.
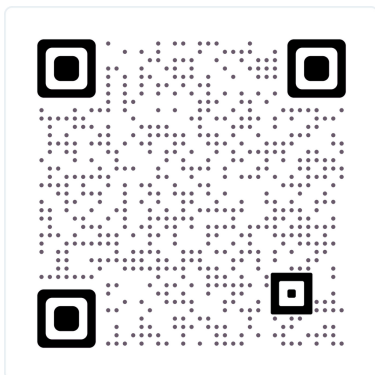
Our Showroom

Rutech Inc

3500 S. Morgan St. 2FL, Unit 216
Chicago IL 60609

Admin@RutechUSA.com
Support@RutechUSA.com

rutechusa.com

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