

KettyBot

Delivery & Reception Robot with
an Ad Display



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KettyBot is Pudu Technology's latest delivery & reception robot that features advertisement display, customer guiding, AI voice interaction, and delivery functions. As a low cost and high efficiency solution, KettyBot delivers a state-of-the-art experience in high traffic restaurants.



Superior
Mobility



Customized
Advertisement



Customer
Attraction



Greeting &
Escorting



AI Voice
Interaction



Multiple
Delivery Modes

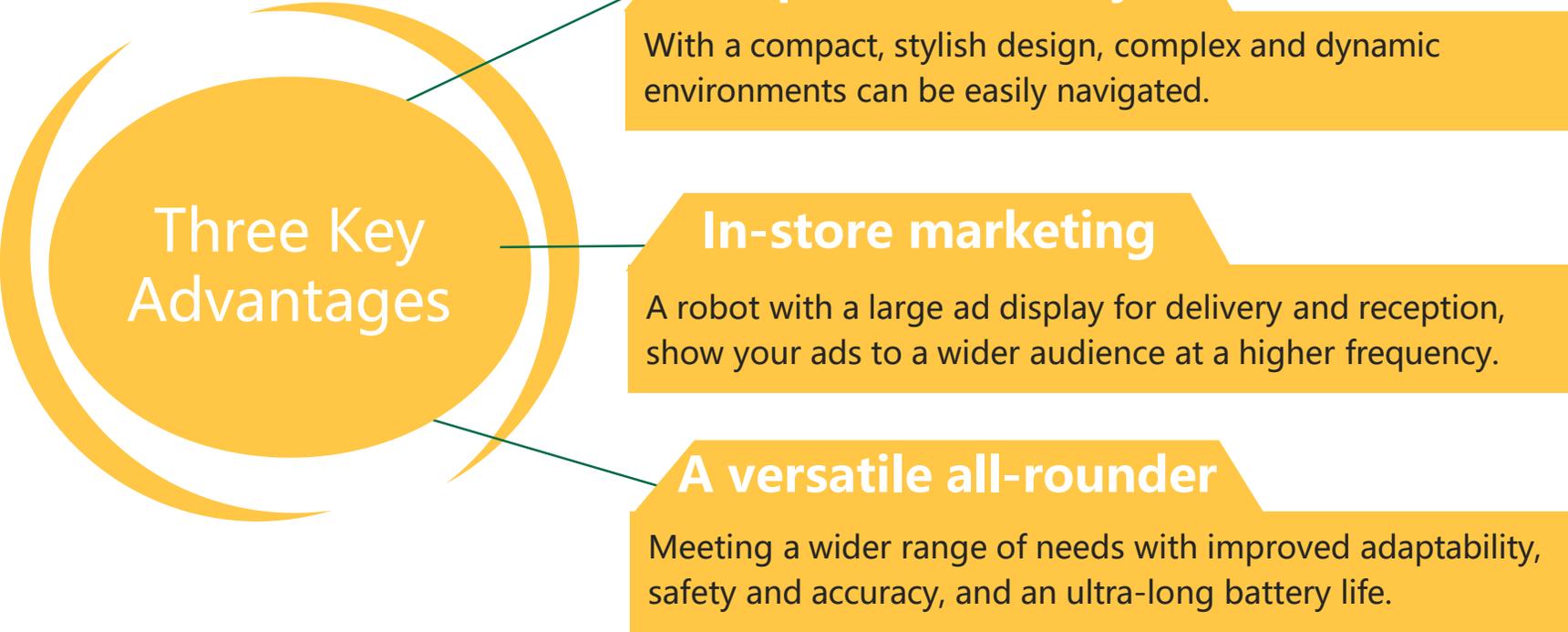


Automatic
Recharging





Choose KettyBot



The diagram features a central orange circle with the text 'Three Key Advantages'. Three lines extend from the right side of the circle to three separate orange callout boxes, each containing a key advantage and its description.

Three Key Advantages

Superior mobility

With a compact, stylish design, complex and dynamic environments can be easily navigated.

In-store marketing

A robot with a large ad display for delivery and reception, show your ads to a wider audience at a higher frequency.

A versatile all-rounder

Meeting a wider range of needs with improved adaptability, safety and accuracy, and an ultra-long battery life.



A minimize clearance at **55 cm**, KettyBot is specially designed for complex and dynamic environments.



Powered by PUDU Slam algorithm, KettyBot supports laser slam and visual slam dual solution simultaneously in order to adapt to more scenarios.
2* RGBD depth camera, provide KettyBot with the strongest 3D perception.
Intelligent route planning, the optimal route to perform tasks is selected based on the operating environment.



18.5" Large Ad Display

- The 18.5" large ad screen can display promotional materials in the customized zone, providing a more eye-catching approach for marketing.
- Centered ad display perfectly adapts to the customer's angle of view, while maintaining the design aesthetic of the robot.
- With a high-power speaker, KettyBot is not only attractive to adults but also to children, making it ideal to impress the whole family.

In-store Marketing

Customized Advertisement

- Business Management Platform offers the flexibility to customize the content presented on the ad display.
- Once you have added materials and created ads as desired, you can generate a playlist indicating for how long, how many times and in what order the ads are to be played, and then publish it to the robot.





A Versatile All-Rounder



A Versatile All-Rounder

Two Forms for Greater Versatility

KettyBot features two forms enabled by the removable trays and rear cover*. This gives the robot more flexibility to perform every task in the best way possible.



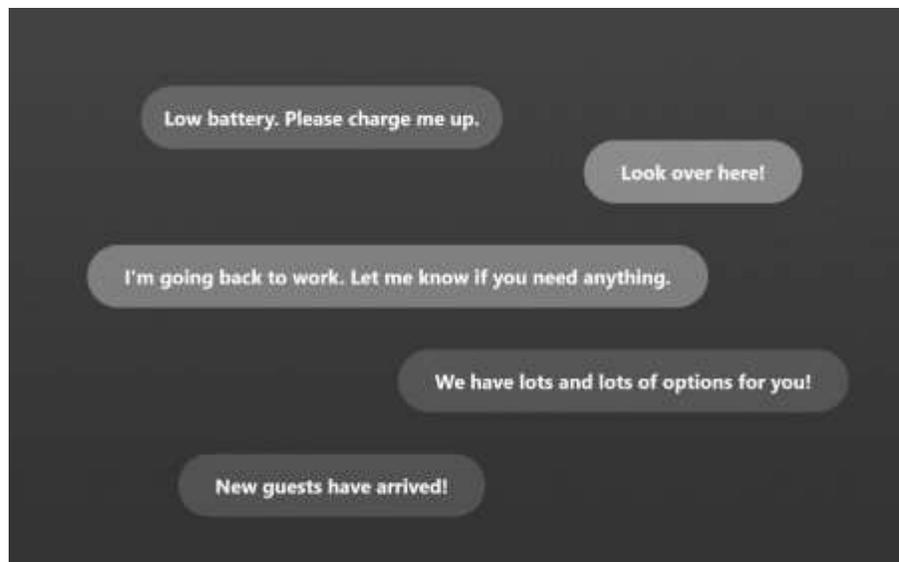
*The rear cover needs to be purchased additionally.

A Versatile All-Rounder

Customer Attraction

AI voice interaction

- The new voice interaction module integrates 360° sound localization.
- Exclusive situational dialogues with cutting-edge echo cancellation, noise suppression, and reverberation elimination technology.



Greeting & Escorting

- The rear cover of KettyBot features a minimalist, streamlined design that makes it more compact.
- With autonomous path planning, the robot can lead customers to their tables in the best possible path, providing improved customer experience and reduced waiter workload.

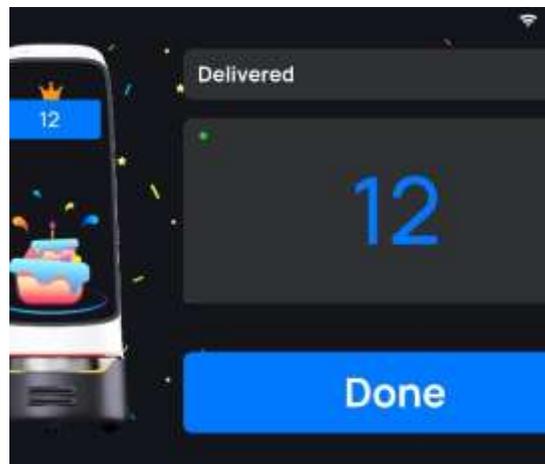


A Versatile All-Rounder

Multiple Delivery Modes

Multi-table Delivery

Multiple tables can be served in one run with accurate positioning and optimal path planning. Achieve more with less!



Birthday Mode

KettyBot can deliver birthday cakes accompanied by the birthday song, giving customers a strong sense of happiness and satisfaction.

Cruise Mode

KettyBot can cruise in specific areas to provide customers with free snacks, drinks and promotion sheets.



A Versatile All-Rounder

Ultra long battery life for all-day long service.

- Battery Capacity: 25.6Ah
- Battery Life: 8h
- Automatic Recharging: KettyBot automatically provides a voice alert and UI notification when the battery is low, and returns to the docking station* simultaneously.

*The docking station needs to be purchased additionally.





Product Parameter



Machine Dimension	451×436×1103mm
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Machine Weight	38kg
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Carrying Capacity	30kg
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Battery Life	> 8h
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Cruise Speed	Max 1.2m/s
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Charging Time	4.5h (Automatic Recharging)
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Battery Capacity	25.6Ah
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Obstacle Negotiation Height	Max 7mm
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Clearance	≥ 55cm
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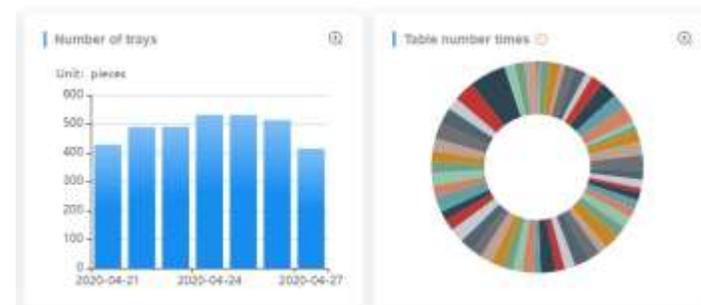
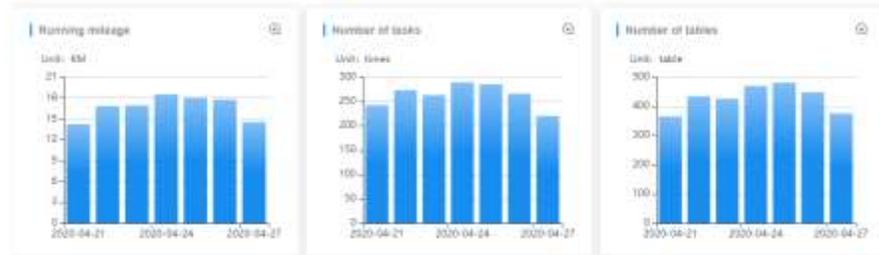
Climb Angle	≤5°
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Tracking System



Platform

- Upload delivery data in 7x24 hours, making digital management for restaurant much easier
- Connect all the robot with IoT and Platform, which allows to collect real-time data, monitor operation of robot, upgrade software remotely and solve over 95% fault remotely





Success Cases





A differentiated experience to attract more customers

KettyBot redefines customer experience with an eye-catching way to attract customers and a smart, thoughtful way to serve them.

A novel approach for in-store marketing

KettyBot allows your marketing campaigns and special offers to reach more customers, delivering a higher conversion.





Robot-human collaboration for improved service and efficiency

Human workers collaborate with KettyBot in a way that they can both do what they are best at. The result is higher efficiency and uncompromised service quality.

Manpower shortage is no longer a problem

Multiple delivery mode can well assist stores in completing tasks such as food delivery , and delivering snacks. This frees up human workers for other tasks, addressing the shortage of manpower.





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Professional**

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