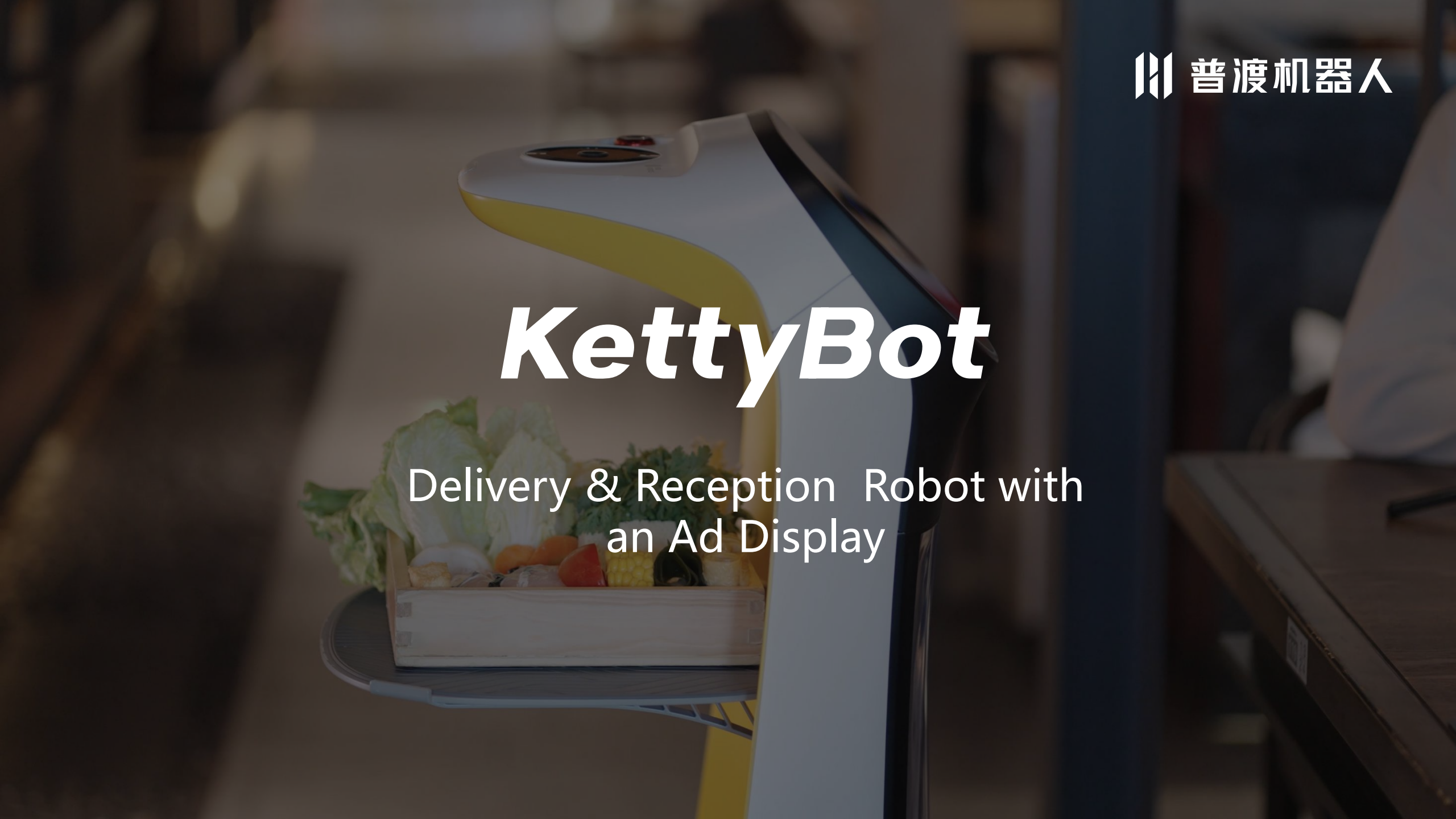
普渡机器人

KettyBot

Delivery & Reception Robot with an Ad Display



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Success Cases

Customer Value

选择葫芦

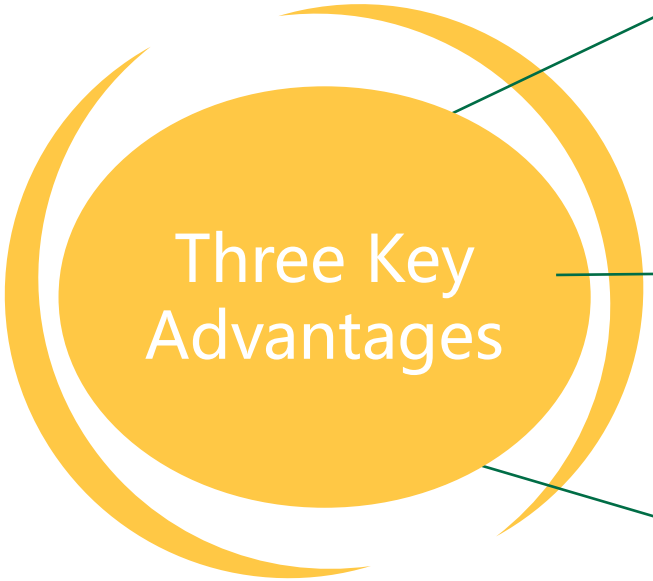
KettyBot

Delivery & Reception Robot with an ad display

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



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.

Superior Mobility

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.

In-store Marketing

18.5" Large Ad Display

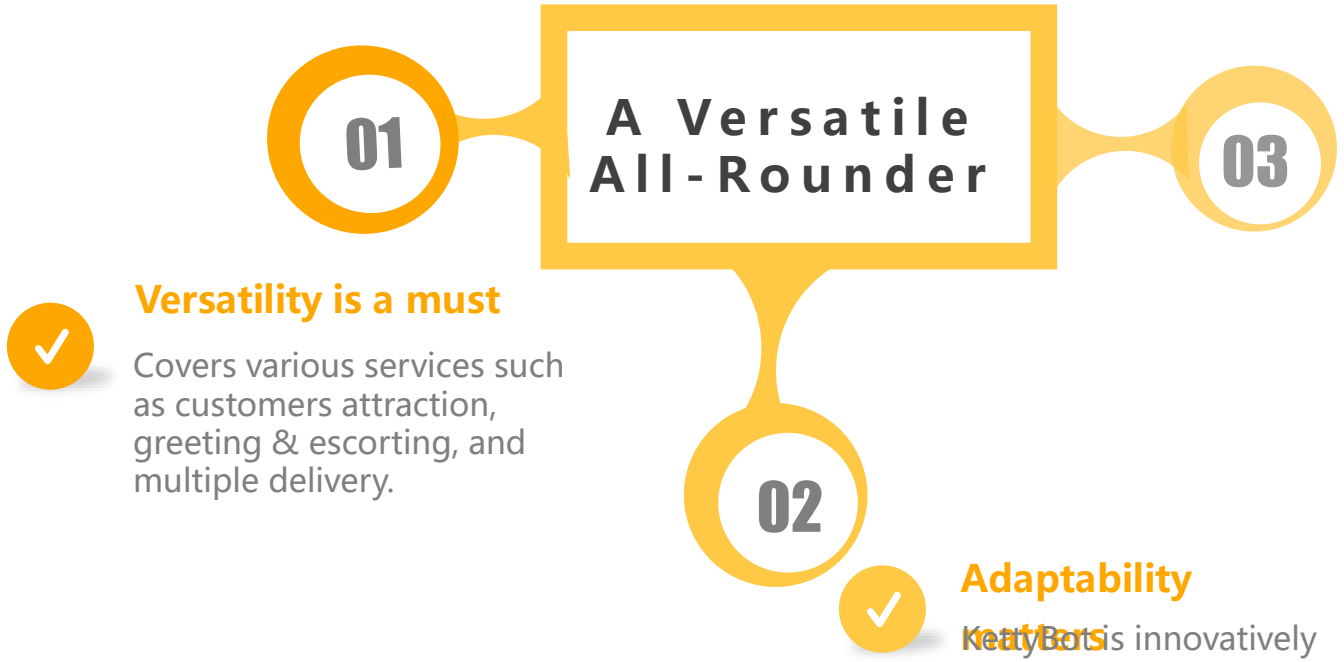
- The 18.5" large ad screen can display promotional materials in the customized zone, providing a more eye-catching approach for marketing.
- Centered ad display perfectly adapts to the customer's angle of view, while maintaining the design aesthetic of the robot.
- With a high-power speaker, KettyBot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

In-store Marketing

Customized Advertisment

- PUDU 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



Versatility is a must

Covers various services such as customers attraction, greeting & escorting, and multiple delivery.

Ultra-long battery life

Impressive auto-charging function for all-day-long service.

Adaptability

KeaBot is innovatively designed for enhanced adaptability.

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.

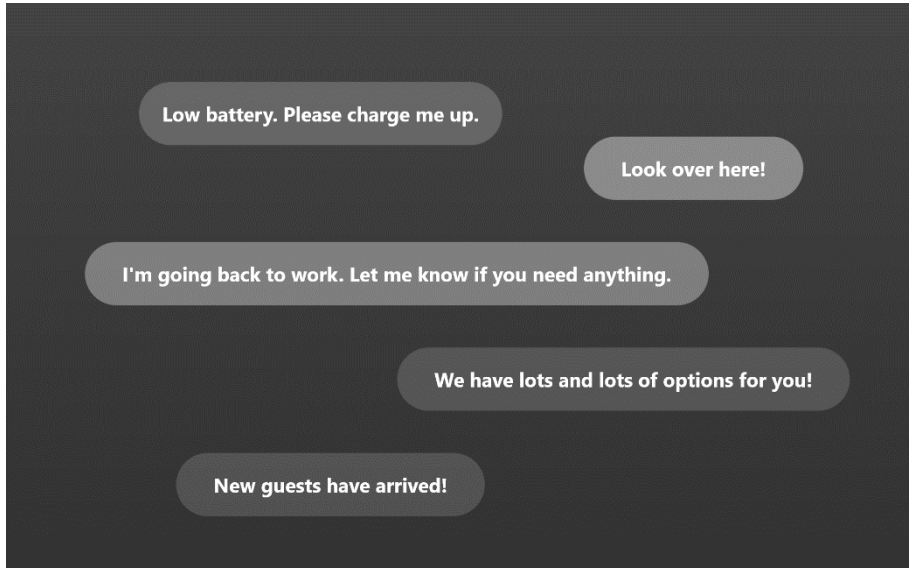
*The rear cover needs to be purchased additionally.

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

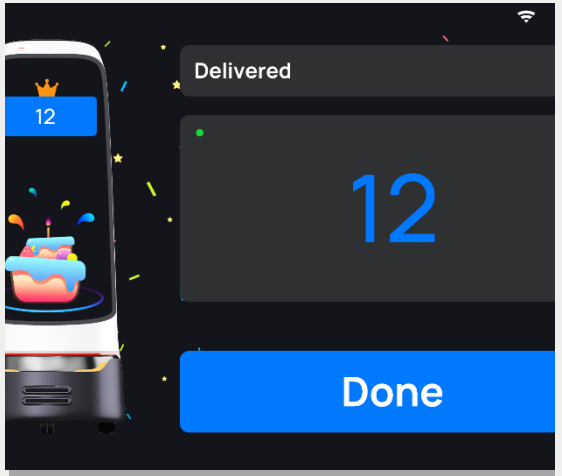
- The rear cover of KettyBot features a minimalist, streamlined design that makes it more compact.
- With autonomous path planning, the robot can lead customers to their tables in the best possible path, providing improved customer experience and reduced waiter workload.

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

CONTENT

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Choose Pudu

Success Cases

Customer Value

Choose Pudu

A great brand is as important as a great product because the brand adds value to the product in every aspect from brand influence, technical expertise to after-sales service.

Choose Pudu

Brand Influence

- A word-leading enterprise of commercial service robots
- Pudu’ s products are sold in more than 60 countries and 600 cities
- Raised several rounds of financing
- 8000+ clients covering such as catering, hospital, hotel, factory, government hall
- Contributed to COVID -19 in over hundreds hospitals in China

Choose Pudu

Technical Expertise

Pudu Robotics has applied for more than 600 core patents, of which invention patents account for more than 60%.

PUDU SLAM

- **The PUDU SLAM multi-sensor fusion algorithm is based on Lidar, camera, RGBD, encoder, IMU etc.**
- **Support function in complex & dark environment.**

Choose Pudu

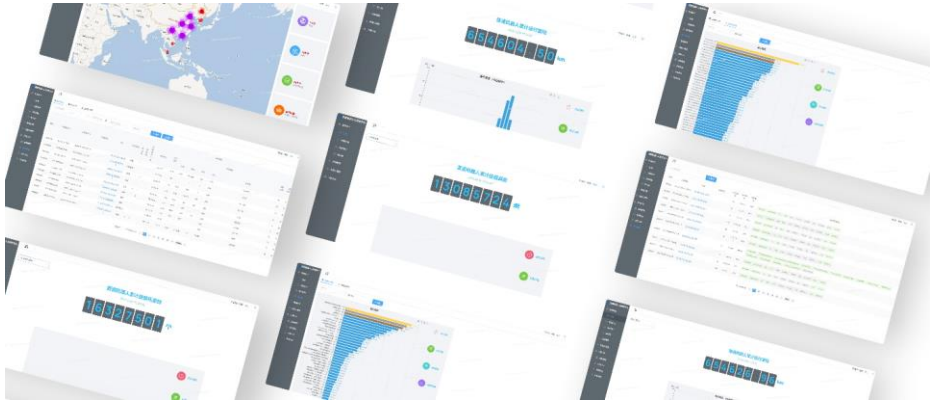
PUDU SCHEDULER

- Dispatch 100 robots easily in 1 environment.
- Strong ad hoc network.
- Adapt to complex scenarios including crossing, roundabout.
- Strong dispatch abЩty comparable to subway and highway.

PUDU MIR

- IoT- Pudu IoT is able to count up business data in real time, monitor robot operation, and remote upgrade robot software.

Choose Pudu



PUDU Platform

- Upload delivery data in 7x24 hours, making digital management for restaurant much easier

- Connect all the robot with IoT and PUDU Platform, which allows to collect real-time data, monitor operation of robot, upgrade software remotely and solve over 95% fault remotely

Choose Pudu

Friendly, Convenient, and Professional

Effective After Sales Service

Remote technical support offered up to 12 hours a day, 7 days a week.
IoT services: Solve over 90% technical issues online

Contact Us:
Email: global_sales@pudutech.com

Connect with Us:

Pudu Robotics

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客户价值

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.

客户价值

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.

Pudu Robotics

Pudu Robotics

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