



SwiftBot

Versatile
Delivery Robot



A SMARTER SOLUTION

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What solutions does SwiftBot provide?



- Repetitive table serving
- Table bussing tasks
- Projection interaction and visible status indicator
- Boosting efficiency
- Dual Solutions : Laser SLAM and Visual SLAM



Pattern Interaction in Special Modes

Innovative route visualization and powerful perception capabilities allow SwiftBot to avoid people in front of and behind it in multiple directions, enabling it to complete its tasks efficiently during peak restaurant hours.



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Real - time Visualized Status

Every step of SwiftBot is visible and understandable. By projecting the robot's walking path onto the ground through laser projection, people can easily know the robot's walking route.



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.

SwiftBot is the serve solution for a wide range of business such as restaurants, hospitals, hotels, resorts, serviced residences, community space, office buildings, etc...



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Omnidirectional Perception Capability

Efficient multi-sensor gives the robot powerful backward sensing capabilities, allowing the SwiftBot to move freely in complex environments

Automatic Electric Door

Securing safety, hygiene and privacy of every delivery.



Projection Interaction

Including one step door control, real - time avoidance reminder, machine status indicator, as well as pattern interaction in specific modes



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Specification

Machine Dimension

19.2" x 23.3" x 50.4"

Machine Weight

130lb (standard)/
108lb (doorless)

Carrying Capacity

77lb

Charging Time

< 4.5H (Automatic Recharging)

Delivery Modes

Delivery, cruise, birthday, food delivery, guiding, and interaction modes

Tray Size

17.0" x 19.8"

Cruise Speed

1.1 - 2.7 mph

Numbers of Trays

Default 3 Maximum 5

Battery Life

10-24H

Min Passing Width

31.5"

Features



AI Voice Interaction

Built-in AI voice module, supporting store custom voice, personalized response to customer needs, more accurate and efficient interaction



Automatic Charging

Intelligent auto-charging for 7*24 services



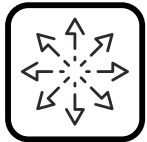
Greeting & Escorting

Support voice and manual control to lead the seat, independent planning of the optimal path to guide guests to sit



Mission at-1-call

Flexible calling, quick response



IoT Functionality

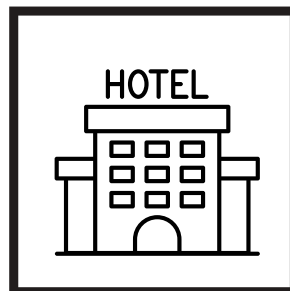
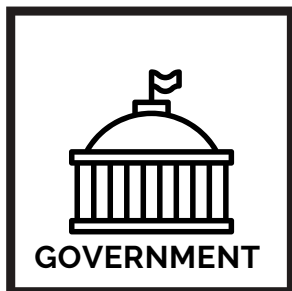
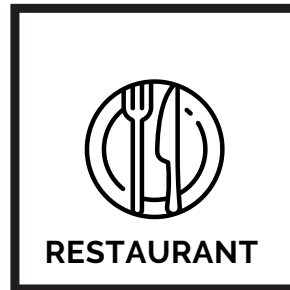
Type-C/4G/LORA/Wi-Fi Compatible Robots & devices cooperate in different scenarios



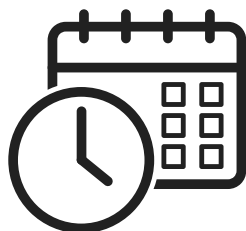
Multiple Serving Modes

Including 6 different modes: food delivery mode, delivery mode, cruise mode, guiding mode, birthday mode, interaction mode

The smart serving solution for a wide range of business



**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 Office



📍 17800 CASTLETON ST. SUITE 665
CITY OF INDUSTRY, CALIFORNIA 91748
UNITED STATES OF AMERICA

✉️ Global_sales@pudutech.com



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