

CaddyRobotics



PRODUCT CATALOG

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CaddyCook Botinkit



CaddyCook Botinkit is the indispensable “Cooking Master” in the kitchen. It’s the highly skilled chef to create unique dishes with pre-programmed recipes; it ensures consistency in the dishes over and over.

Station Size: 32” x 26” x 38”

Weight: 225 lbs.

Rated Power/Voltage/Current: 12KW/220V/50AMax

Wok Capacity: 8 Gallons

Certification: NSF/ANSI 4, UL 197, FCC Part 15, and IC

Work Bench Size: 34” x 36” x 21”

-  Easily add high-quality Asian dishes to your menu without hiring highly skilled chefs
-  Streamline kitchen operations with customizable and replicable recipes
-  Set up in 30 minutes to operate and 2 hours to develop recipes
-  Ensure consistency in taste and quality for every dish, every time
-  AI based Thermal Control System to optimize heating by monitoring heating field and dynamically adjusting power output
-  Automatic seasoning feeding with 0.1g accuracy
-  High-efficiency & dynamic heating control to 600°F
-  High capacity to 20 servings per cook

CaddyBot Plato Delivery Robot



CaddyBot Plato is born in Europe and is built to last. With its state-of-the-art sensor system, Plato has highly accurate mobility, advanced localization and environmental perception. Plato is spill-resistant with advanced shock-absorbing mechanisms and wheel suspension. Certified for 2006/42/EC Directive Machine safety, the highest industrial standard for machines and humans in the same space.

Robot Size: 19.5" W x 21.5" L x 44"H

Robot Weight: 117 lbs.

Battery Capacity: 38.4 Ah / 995 Wh

Tray Size: CAMBRO Round tray

Max Load: 22 lbs. / tray

Battery Life: up to 12 hours



Indoor autonomous navigation
Dual Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
9-inch high-definition touch screen



Swappable Battery Pack to allow
24x7 operations



Autonomous path planning
Automatically plan the optimal
route

CaddyBot B1 Delivery Robot



CaddyBot B1 is equipped with our leading autonomous scheduling system, which can automatically plan paths, high-precision navigation, positioning, autonomous obstacle avoidance, and automatic recharging. It is widely used in catering establishments such as hotels and restaurants.

Robot Size: 20" W x 20" L x 51" H

Battery Capacity: 24V/20AH

Max Load: 22 lbs. / tray

Robot Weight: 107 lbs.

Tray Size: 12.5" W x 15.7" L

Battery Life: up to 12 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
7-inch high-definition touch screen



Self-Charging
Automatically return to charge on
low battery power



Autonomous path planning
Automatically plan the optimal
route

CaddyBot B2 Delivery Robot



CaddyBot B2 food delivery robot is equipped with industry’s first dual SLAM navigation solution, multi-machine collaboration, and autonomous obstacle avoidance. With its superlative trafficability, high-precision navigation and positioning, compact environment can be easily navigated.

Robot Size: 22.5" W x 21" L x 51"H

Battery Capacity: 25.6V/25AH

Max Load: 22 lbs. / tray

Robot Weight: 125 lbs.

Tray Size: 16" W x 20" L

Battery Life: up to 12 hours



Indoor autonomous navigation
Dual Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
9-inch high-definition touch screen



Swapable Battery Pack to allow
24x7 operations



Autonomous path planning
Automatically plan the optimal
route

CaddyBot B3 Secure Delivery Robot



CaddyBot B3 does secure deliveries. The door is locked during the transportation. Upon arriving at the destination, a reminder voice will be announced. The door will be opened and picked up through passcode. The elevator module is available for multi-floor usage.

Robot Size: 18" W x 22" L x 43"H

Robot Weight: 106 lbs.

Minimum Passage: 28"

Tray Size: 16.5" W x 16.5" L

Max Load: 22 lbs. /tray

Battery Life: up to 10 hours



Indoor autonomous navigation

Laser SLAM and 3D camera
multiple sensor fusion
technologies



Simple operation interface

7-inch high-definition touch screen



Self-Charging

Automatically return to charge on
low battery



Autonomous path planning

Automatically plan the optimal
route



Code Verification

Identity verification and retrieval

CaddyBot B5 Delivery Robot



Caddy B5 robot is equipped with our leading autonomous scheduling system, multi-machine collaboration, stable operation, and autonomous navigation and positioning system, which is widely used in restaurants, hotels, and other venues.

Robot Size: 20" W x 20" L x 48"H

Minimum Passage: 28"

Max Load: 22 lbs. /tray

Robot Weight: 110 lbs.

Tray Size: 16.5" W x 16.5" L

Battery Life: up to 12 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
7-inch high-definition touch screen



Self-Charging
Automatically return to charge on
low battery



Autonomous path planning
Automatically plan the optimal
route

CaddyBot B6 Delivery Robot



CaddyBot B6 features the minimalist design. The compact size and forward-leaning C-shaped body allow the robot to go through a clearance of only 22", making it an ideal choice in complex and crowded environments. The removable rear cover of this robot features a 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.

Robot Size: 17.1" W x 17.7" L x 44"H

Robot Weight: 84 lbs.

Minimum Passage: 22"

Tray Size: 14" W x 13.5" L

Max Load: 20 lbs. /tray

Battery Life: up to 10 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



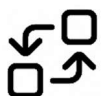
Simple operation interface
7-inch high-definition touch screen



Self-Charging
Automatically return to charge on
low battery (docking station extra)



Autonomous path planning
Automatically plan the optimal
route



Removable Tray
Make instant switch on tray and
back cover



18.5" Advertising Screen
Display marketing and promotional
images

CaddyBot B8 Delivery Robot



CaddyBot B8 robot is small enough to pass a narrow path and equipped with our leading autonomous scheduling system, multi-machine collaboration, stable operation, and autonomous navigation and positioning system, which is widely used in restaurants, hotels, and other venues.

Robot Size: 15" W x 18" L x 43"H

Minimum Passage: 22"

Max Load: 11 lbs. /tray

Robot Weight: 84 lbs.

Tray Size: 16.5" W x 16.5" L

Battery Life: up to 10 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
9-inch high-definition touch screen



Self-Charging
Automatically return to charge on
low battery



Autonomous path planning
Automatically plan the optimal
route



360° access
With 360° access, easy to put down
and pick up.

CaddyBot B9 Universal Delivery Robot



CaddyBot B9 inherits excellent features and functions from other robots, and is committed to realizing intelligent deliveries in all scenarios, promoting the application of service robots and accelerating the overall robot development with higher performance, better functional extendibility, environmental adaptability and reliability in use.

Robot Size: 22.8" W x 21" L x 50.8"H

Robot Weight: 82 lbs.

Minimum Passage: 32"

Tray Size: 16.5" W x 16.5" L

Max Load: 13 lbs. /tray

Battery Life: 10-24 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
7-inch high-definition touch screen



Self-Charging
Automatically return to charge on low battery



Autonomous path planning
Automatically plan the optimal route



Adjustable Tray
Make instant switch on tray and back cover

CaddyBot B10/Servi+ Delivery Robot



CaddyBot B10 Servi Plus hospitality robot is the perfect companion for covering large service areas, busy shifts, and big events. Whether you need help running food or bussing dishes, go bigger and serve better with Servi Plus.

Robot Size: 21" W x 23" L x 48"H

Robot Weight: 136 lbs.

Charging Time: 4 hrs.

Tray Size: 20" W x 21" L

Max Load: 88 lbs.

Battery Life: 8-12 hours



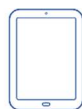
Indoor autonomous navigation

Laser SLAM and 3D camera
multiple sensor fusion
technologies



Simple operation interface

7-inch high-definition touch screen



Controller

External tablet or attached
touchscreen



Autonomous path planning

Automatically plan the optimal
route

CaddyBot B12 Delivery Robot



CaddyBot B12 Lucki is an efficient delivery robot that can improve customers' service satisfaction and heighten the quality of hospitality services provided. Customers will also appreciate Lucki's delivery features.

Robot Size: 21" W x 20" L x 52" H

Charging Time: 3.5 hrs.

Max Load: 88 lbs.

Robot Weight: 104 lbs.

Tray Size: 17" W x 20" L

Battery Life: up to 15 hours



Indoor autonomous navigation

Laser SLAM and 3D camera
multiple sensor fusion
technologies



Simple operation interface

7-inch high-definition touch screen



Network Supports

4G supports TDD-LTE, FDD-LTE
Wi-Fi supports 2.4G/5G



Autonomous path planning

Automatically plan the optimal
route

CaddySani S2 Disinfection Robot



CaddySani S2 is a 2-in-1 disinfection robot that combines spray and UV. Using the robot as the carrier, the diluted disinfectant is diffused and disinfected in the form of atomization, the disinfection path is independently planned, and regular and fixed-point disinfection is supported.

Robot Size: 19.7" W x 19.7" L x 53.2"H

Battery Capacity: 25.6V/25AH

Spray Rate: 1000ml/h

Robot Weight: 132 lbs.

Lamp Power: 200W (50W/light tube, 4 tubes)

Battery Life: up to 12 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
7-inch high-definition touch screen



Self-Charging
Automatically return to charge on
low battery



Autonomous path planning
Automatically plan the optimal
route



Autonomous scheduling system
Autonomous scheduling delivery to
the designated location



1000mL/h spray volume
10L large water tank, adjustable fog
spray volume

CaddyMaid M3/CC1 4-in-1 Cleaning Robot



CaddyMaid M3 Cleaning Robot features 4-in-1 versatile cleaning with sweeping, scrubbing, vacuuming and mopping functions. All cleaning needs can be easily met by this one machine. Get real-time notifications for cleaning performance, such as cleaning time and cleaning area.

Robot Size: 26.1" W x 22.4" L x 26.8"H

Cleaning Operating Noise: < 70dB

Water Tank: 15L

Cleaning Area: up to 10,000 ft²

Cleaning Speed: 0.1-1.2 m/s

Battery Life: up to 8 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



Simple operation interface
10.1-inch high-definition touch
screen



Self-Charging
Automatically return to charge on
low battery



Autonomous path planning
Automatically plan the optimal
route



Scheduled Cleaning Tasks
Custom cleaning time



**INTERNAL CIRCULATION LOCK
WATER WET MOPPING**
sewage automatic filtration

CaddyMaid M4/SP50 Vacuum Robot



The M4/SP50 excels in picking up all types of debris, no matter how large or small. The robot is equipped with smart sensing technology and cutting-edge 3D lidar, that can recognize various types of debris on the floor and adjust its suction power accordingly. The robot is equipped with a powerful motor, with a maximum suction power of up to 25kPa.

Robot Size: 23" W x 33.4" L x 41"H

Dust Bag Capacity: 4.8 gal

Max. Suction of Vacuum: 25 kPa

Sweeping Width: 28"

Max Cleaning Area: 21388 ft²/hr.

Battery Life: up to 13 hours



Indoor autonomous navigation
Laser SLAM and multiple sonar sensor fusion technologies



APP intelligent control
Customize the cleaning area and see status of the robot at a glance



Self-Adaptive Cleaning
Automatically adjust its area and methods of cleaning according to the amount, size and type of waste and debris it detects, able to cope with changing real-life scenarios.



Highest Level of Safety
Safety is always the top design priority. It employs advanced Nvidia Xavier AI edge computing chips to assure that the highest standards of safety are met.



Scheduled Cleaning Task
Custom Cleaning Time



Autonomous path planning
Automatically plan the optimal route; navigation gap to wall 2"

CaddyMaid M5/L50 Scrubber Robot



CaddyMaid M5 has undergone thorough testing and has been manufactured using the rotational molding process and well-trained components. As a result, it is capable of withstanding wear and tear, ensuring that it can operate reliably and durably over an extended period of time.

Robot Size: 22.8" W x 40.6" L x 41.1" H

Cleaning Operating Noise: 67 dB

Water Tank: 14.5L

Cleaning Area: 27663 ft²/hr

Cleaning Speed: 3.13 mph

Battery Life: up to 6 hours



Indoor autonomous navigation
Laser SLAM and 3D camera
multiple sensor fusion technologies



APP intelligent control
Customize the cleaning area and
see status of the robot at a glance



Self-Charging
Automatically return to charge on
low battery



Autonomous path planning
Automatically plan the optimal
route











Scheduled Cleaning Tasks
Custom cleaning time



INTERNAL CIRCULATION LOCK
WATER WET MOPPING
sewage automatic filtration

Customizable Robot Chassis

If there is a need for a customized robot solution to fit your business, we can help! Our robot chassis has all the AI technologies we have on our robots, such as visual positioning, indoor navigation, and intelligent obstacle avoidance. It mainly comprises core hardware with LiDAR sensors, depth cameras, and modular positioning and navigation systems. Laser multi-sensor fusion algorithms can plan flexible robot routes.

	<p>Indoor autonomous navigation Laser SLAM and 3D camera multiple sensor fusion technologies</p>		<p>Open SDK Open software and hardware platform, providing application development and SDK access</p>
	<p>Self-Charging Automatically return to charge on low battery</p>		<p>Autonomous path planning Automatically plan the optimal route</p>
	<p>Autonomous scheduling system Autonomous scheduling delivery to the designated location</p>		<p>Customizable Development Reduced development cost, deployment cycle and reduce R&D investment</p>
	<p>Cloud Based Deployment Remote support, reduce labor costs and improve work efficiency</p>		<p>Flexible Load Capacity Pick the chassis that fits you loading need</p>

CaddyRanger Robot Chassis



CaddyRanger is a light-duty general-purpose robot platform with a built-in high-performance navigation and positioning system. It comprises hardware such as LiDAR sensors and 3D and visual cameras. It has an open SDK platform and provides API interfaces. Users can carry different applications and expand according to actual needs. Suitable for commercial occasions such as shopping malls, hospitals, and restaurants.

Robot Size: 14" W x 21.2" L x 14.6"H

Battery Capacity: 37V/20AH

Max Load: 132 lbs.

Robot Weight: 70.5 lbs.

Cruising Speed: 0.1-1 m/s

Battery Life: 10 -12 hours

Caddyator Robot Chassis



Caddyator is an extensible general-purpose robot platform with a built-in high-performance navigation and positioning system. It comprises core hardware such as LiDAR sensors, 3D and visual cameras. It has an open SDK platform and provides API interfaces. Users can carry different applications and expand according to actual needs. Extremely strong, suitable for commercial occasions such as shopping malls, hospitals, and restaurants.

Robot Size: 27.7" L x 18.5" W x 15.6" H

Battery Capacity: 38.6V/50AH

Max Load: 220 lbs.

Robot Weight: 110 lbs.

Cruising Speed: 0.1-1 m/s

Battery Life: 16 – 20 hours

CaddyWheel Robot Chassis



CaddyWheel is a light-duty general-purpose robot platform with a built-in high-performance navigation and positioning system. It comprises hardware such as LiDAR sensors and 3D and visual cameras. It has an open SDK platform and provides API interfaces. Users can carry different applications and expand according to actual needs—easier to maneuver, suitable for narrow paths in restaurants and similar settings.

Chassis Size: 17.7" W x 17.7" L x 12.5" H

Battery Capacity: 37V/20AH

Max Load: 132 lbs.

Robot Weight: 79.4 lbs.

Cruising Speed: 0.1-1 m/s

Battery Life: 10 -12 hours