

PuduBot 2

Product 18

Universal Delivery Robot

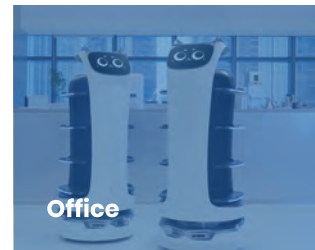
- Marker-less deployment
- Comfortable operation in high ceiling environment (up to 20m)
- Various forms, versatile accessories
- Operates up to 24 hours on a 3-hour charge

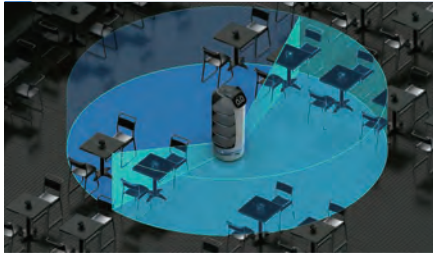
Machine Dimension	580mm*535mm*1290mm
Machine Weight	37kg
Machine Material	ABS/Aviation-grade aluminum alloy
Charging Time	3h
Battery Life	10~24h
Cruise Speed	0.5m/s~1.2m/s
Load Capacity	13kg/tray, Max 40kg



23 Scenario

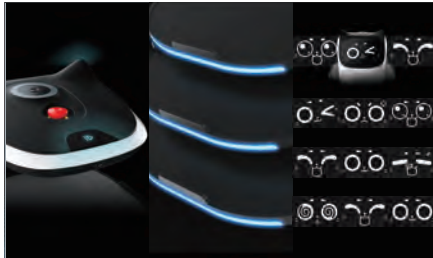
Pudu Robotics has independently researched and developed its own robot positioning and navigating technologies based on multi-sensor strategy, our products could be widely used in commercial scenarios like restaurant, hotel, hospital and office.





3D PERCEPTION & AVOIDANCE

- Excellent perception capability supported by combination technology of RGBD sensors, RGB cameras Lidar, and calculation ability
- Capable of detecting pedestrian's features, such as walking direction, age and gesture, then trace the path and adopt different avoidance strategy according to the pedestrian's features



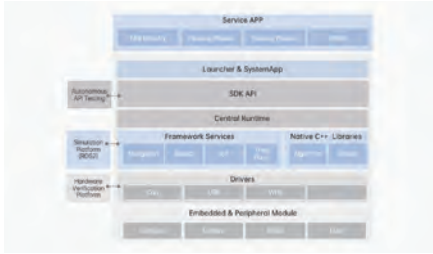
MULTI-MODAL INTERACTION

- Various interaction techniques such as text, speech, touch, illumination, and expressions can be implemented by integrating multi-modal information such as aural, visual, tactile, and laser perceptions.
- Dramatically improve the efficiency, naturalness, and accuracy of human-robot interaction, bringing you a new experience in human-robot cooperations.



PUDU CLOUD

- Cloud-based Intelligent Service Platform
- Data Collection Platform
- Automatic Operation and Maintenance Platform
- Service Management Platform
- Upload delivery data 7×24, Accelerate the digitalization of restaurants and make data management convenient



PUDU OS

- An integrated robot operating system platform based on numerous PUDU product lines with a powerful cloud platform
- High extendability, supporting multi-platform such as Android, ROS, Linux and providing various tools for 3rd party development
- PUDU developed security system with high credibility



PUDU SLAM

- State-of-the-art multi-sensors based SLAM technology, fusion of Lidar, Camera, RGBD, IMU and Encoder, etc.
- Support Lidar SLAM and Visual SLAM
- High positioning accuracy, ensuring autonomous mobility of robots in complex and dynamic environment



PUDU SCHEDULER

- Dispatch up to 100 robots easily in one environment
- Powerful self-organized network
- Adapt to complex and dynamic scenarios



Delivery
Robot

PuduBot
Intelligent Delivery Robot



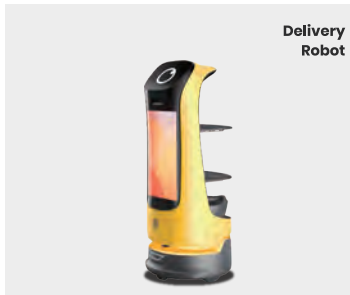
Delivery
Robot

BellaBot
Premium Delivery Robot



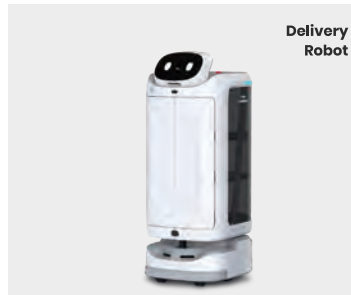
Delivery
Robot

PUDU HolaBot
Pager & Notifications Delivery Robot



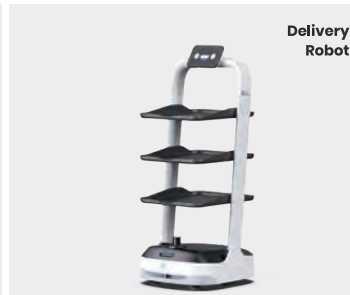
Delivery
Robot

KettyBot
Flexible Multitasker



Delivery
Robot

SwiftBot
Versatile Delivery Robot



Delivery
Robot

PuduBot 2
Universal Delivery Robot



Cleaning
Robot

PUDU CCI
Intelligent Commercial Cleaning Robot



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