

Key Clients



Shenzhen-based and founded in 2016, Pudu Robotics is a world-leading tech-focused enterprise dedicated to the design, R&D, production and sales of commercial service robots on a mission to use robots to improve the efficiency of human production and living.

Since its inception, Pudu Robotics has heavily invested in R&D, obtained multiple awards such as Red Dot and applied hundreds of core patents to lead the development of the robotics category and provide high technology products that would appeal to targeted markets. Pudu Robotics has been rapidly growing in recent years to become a “leader” in the global markets with coverage of over 60 countries worldwide. The robots are widely applied in restaurants, hospitals, schools, office buildings, government halls, subway stations, waiting rooms, etc.



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SwiftBot

Versatile Delivery Robot
Redefining Human-Robot Relationship





Omnidirectional Perception Capability



Initiative Make-way for Pedestrian



Innovative Projection Interaction



Multiple Interaction Mode



Multiple Serving Modes



Automatic Charging



IoT Functionality



Mission at-1-call



Cup Holder

Machine Dimension:	488×593×1281mm
Machine Weight:	59kg/49kg
Maximum Loads:	35kg
Battery Life:	10H~24H
Charging Time:	4.5H
Path Clearance:	Min 80 cm
Cruise Speed:	0.5-1.2m/s
Climbing Angle:	5°



Initiative Make-way for Pedestrian

Lateral make-way for facing pedestrian
Lateral make-way for parallel pedestrian
Backward make-way for facing pedestrian



Realtime Visualized Status

Every step of SwiftBot is visible and understandable



Omnidirectional Perception Capability

Extensive sensing ability both front and back
Omnidirectional obstacles avoidance
Special group detection algorithm
Autonomous give-way to pedestrian
Innovative stabilization technology



Innovative Projection Interaction

One step door control
Realtime path projection
Machine status indicators
Pattern interaction in special modes

5S Delivery Expert

50%

Swift

Reduce 50% human-robot road congestion and increase 30% machine running speed in restaurant environment

20%

Stable

Enhance 20% delivery stability powered by hybrid technology, combining Auto-level adaptive variable suspension and stabilization algorithm



Safe

Human detection technology of securing safety for special group such as elders and children



Smart

Multimodal interaction provides more intelligent and better experience for customers



Sociable

Being courteous and friendly, SwiftBot redefines the relationship between human and robots

Extendability

Type-C/4G/LORA/Wifi compatible



Multiple Serving Modes



Food Delivery Mode



Delivery Mode



Cruise Mode



Guiding Mode



Birthday Mode



Interaction Mode