

PUDU ROBOTICS

Global Leading Robotics Company

Media Kit





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01 Company Profile

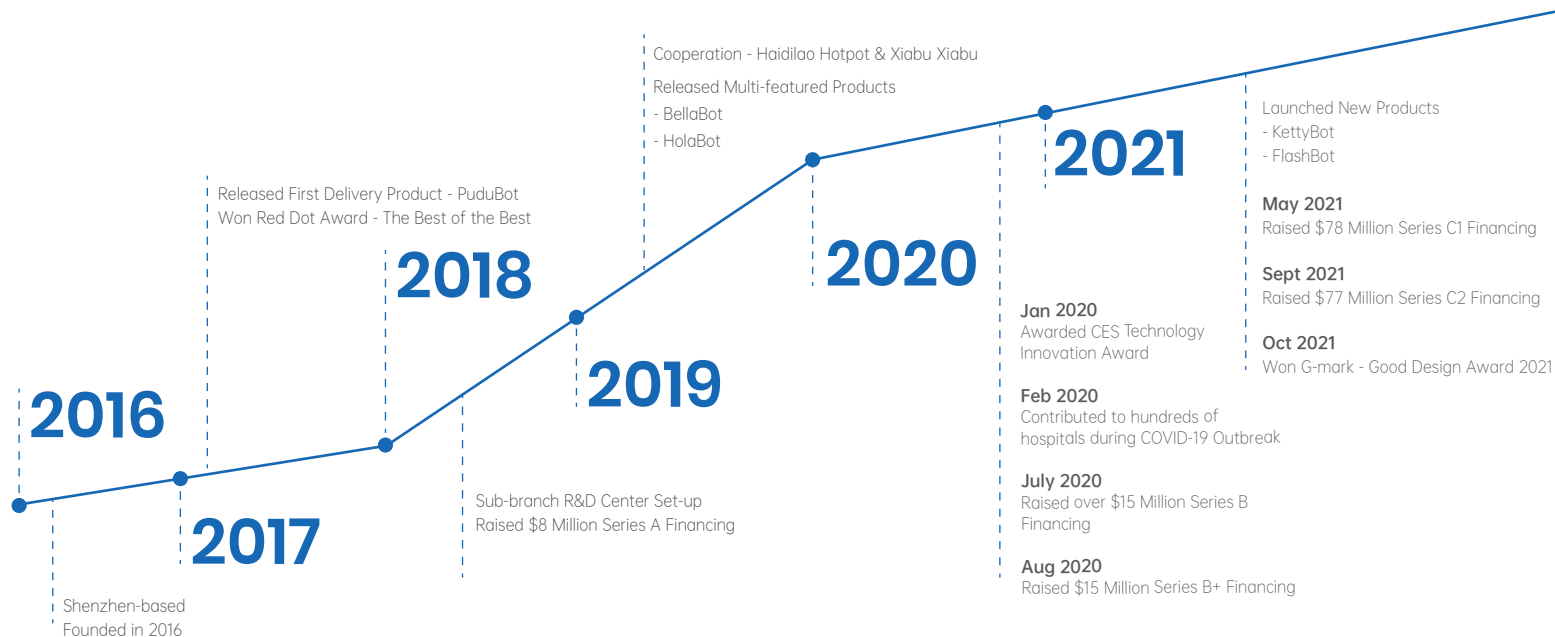
Shenzhen-based and founded in 2016, Pudu Robotics is a world-leading tech-focused enterprise dedicated to the design, R&D, production and sales of commercial service robots on a mission to use robots to improve the efficiency of human production and living.

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 restaurant, coffee shop, hospital, school, office building, shopping mall, hotel, factory.



Milestone

Company
Profile 02



03 ^{Team}

CEO



- Hong Kong University of Science and Technology master, out-of-school suspension to start up business
- Artificial Intelligence and Robotics Expert
- Champion of Robocon China Robot Competition
- Own 60 robot invention patents



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Team 04



95%

Bachelor's
Degree

70%

Average Age
Under 28

60%

Top Hi-tech
Company

50%

R&D Team

Mission

Use robots to improve
the efficiency of human
production and living

To become the world's
strongest commercial
service robot company

Vision



THINKING IN THE LIGHT
OF FIRST PRINCIPLES



BE INVENTIVE



BE ENTERPRISING &
ACCOUNTABLE



BE OPEN-UP



MOVING FAST



BE CUSTOMER-CENTRIC



EMBRACING CHANGES



PURSuing FOR
THE ULTIMATE

Culture

Committed to using robots to improve the efficiency of production and human life, Pudu Robotics has become the world-leading brand in the field of global commercial service robots. Propose robotics solutions such as robot R&D, indoor autonomous driving, and smart catering empowerment, dedicating to prove our value with the pursuit of the most extreme technology and products.



GOOD DESIGN AWARD



reddot award
best of the best

The Red Dot Design Award



CES Innovation Award



Top Digital Innovation Award



Innovation Award



CHTF Star Product Award



Robot Award



高新技术企业

Chinese High-Tech Enterprise
Certification



Top 30
Catering Service Provider



SHENZHEN TOP BRAND



2020
省长杯
工业设计大赛
Governor Cup
Industrial Design
Competition

Governor Cup Excellence Award



向光奖
FOR GOOD
AWARDS

2020 For Good Award

Certificate

Patent & Certificate 08

All of existing products have passed the multi-certification that match the targeting markets.



Patent

Pudu Robotics has applied for more than hundreds of patents, of which invention patents are over 60%, involving positioning, navigation, motion control, human-computer interaction, robotics arm, servo motor, computer vision, cloud platform and other technical fields.



Pudu Robotics is exploring the global markets rapidly and currently with the coverage of over 60 countries and 600 cities worldwide. We are on the way to explore and deliver more to the future!



Sales
Network

After Sales Service

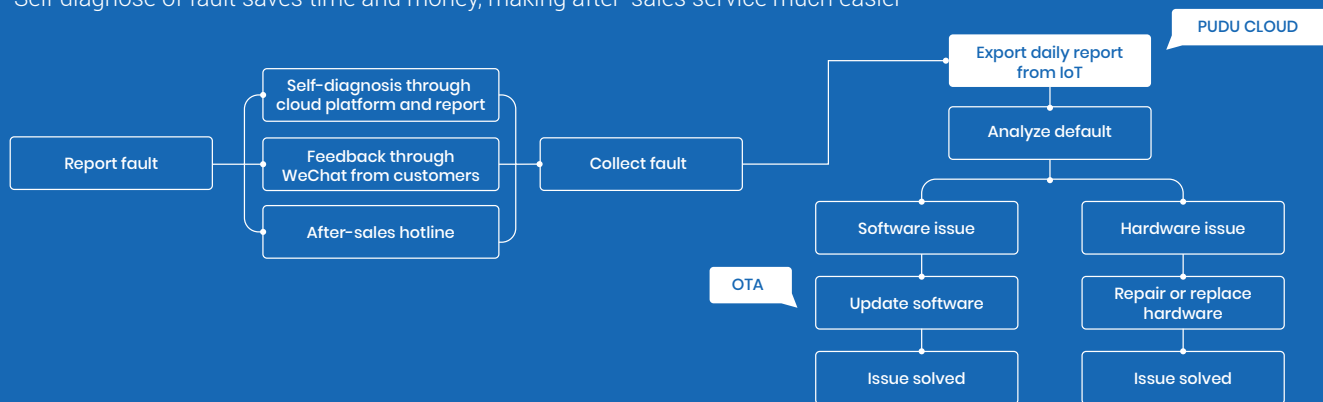
Global Sales
Network 10

Online Service:

IoT (The Internet of things) solves more than 90% of technical problems

Advantages:

- Cloud platform detects and reports real-time fault, solving the fault in time
- Solve over 90% of the faults by IoT, enhancing effectiveness of fault solving
- Self diagnose of fault saves time and money, making after-sales service much easier



After Sales Service

Offline Service:

- **1 Year Free Warranty**
- **7 × 24 Hours Service**
- **Local Service & Support**

Pudu Robotics has a comprehensive after-sales support system and humanized after-sales policy as well, whenever it is needed, we are going all out to offer service to reach your satisfaction.

Product

Pudu Bot

Classic Delivery Robot



Product 12

- Large capacity with 7-layer adjustable tray
- 6 delivery modes for different purposes
- Deliver safely with built-in 3D obstacle avoidance sensor
- Deliver steady with auto-independent linkage suspension

Machine Dimension	516*500*1288 (mm)
Weight	35KG
Machine Material	ABS/ Aviation-grade aluminum alloy
Charging Time	4H
Battery Life	10-24H
Cruise Speed	0.5-1.2m/s (Adjustable)
Load Capacity	13KG/tray, Max 30KG

BellaBot

Premium Delivery Robot

- Large capacity with 4-layer induction tray
- Interact with the robot by touching
- Replace battery anytime
- Easy to navigate without markers

Machine Dimension	565*537*1290 (mm)
Weight	59KG
Machine Material	ABS/ Aviation-grade aluminum alloy
Charging Time	4.5H
Battery Life	12-24H (Exchangeable Battery)
Cruise Speed	0.5-1.2m/s (Adjustable)
Load Capacity	10KG/tray, Max 40KG



HolaBot

Product 14

Pager & Notifications Delivery Robot

- Greatly improve plates collection efficiency
- Large carrying capacity up to 60KG
- Easily controlled by a smartwatch
- Contactless and safe delivery

Machine Dimension	541×531×1226 (mm)
Weight	60KG
Machine Materials	ABS/ Aviation grade aluminium alloy
Charging Time	4.5H
Battery Life	10-24H (Replaceable Battery)
Cruising Speed	0.5-1.2m/s (Adjustable)
Load Capacity	15KG/tray, Max 60KG



Puductor 2

Disinfection Robot



- 2L/H ultrasonic dry mist disinfection
- 188 μ W/cm² UV-C disinfection
- Max 6H disinfection time
- Automatic positioning and navigation system

Machine Dimension	544x538x1290 (mm)
Weight	60KG
Battery Capacity	51.2Ah
Reservoir Capacity	15L
Atomization Rate	4-level (Adjustable)
1 Meter Irradiation Intensity	188 μ W/cm ² UV-C (254nm)
Effective Disinfection Distance	3 meters
Disinfection Time	Max 6H (Automatic Recharging)
Cruise Speed	0.1-1m/s (Adjustable)
Disinfectant Solution	Hydrogen Peroxide (H ₂ O ₂), Hypochlorous Acid (HClO), Chlorine Dioxide (ClO ₂), etc.
Max Climbing Angle	5°



KettyBot

Product 16

Delivery & Reception Robot with an Ad Display

- Pass freely with 55cm left
- A walking AD display with 18.5" screen
- Easy to navigate without markers
- Work continuously for 8 hours

Machine Dimension	451x436x1103 (mm)
Weight	38KG
Carrying Capacity	30KG
Battery Life	>8H
Charging Time	4.5H
Passibility	≥55cm
Cruise Speed	Max 1.2m/s
Ad Display Dimension	18.5"
Docking Station Dimension	400×170×400 (mm)



FlashBot

Auto Building Delivery Robot

- Call and take elevator automatically
- Greeting and check-in guidance
- Room delivery with adjustable compartment
- Auto charging

Machine Dimension	539*515*1050 (mm)
Machine Weight	55KG
Payload	15KG/layer, Max 30KG
Machine Material	ABS/ Aviation-grade aluminum alloy
Compartment Space	2-4 compartments (Adjustable)
	219*410*286mm (Single)
	438*410*286mm (Double)
Charging Time	4.5H
Battery Life	12H
Charging Mode	Auto-charging
Cruise Speed	0.5~1.5m/s (Adjustable)



Core Tech

Core
Tech 18

PUDU CLOUD

- Upload delivery data in 7×24 hours, making digital management for restaurant much easier.
- Connect all the robot with IoT and PUDU CLOUD, which allows to collect real-time data, monitor operation of robot, upgrade software remotely and solve over 95% fault remotely.



PUDU MIR

- MIR is Pudu self-developed software framework for robot algorithms development, which greatly improves the robot R&D efficiency

PUDU SLAM

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

PUDU SCHEDULER

- Dispatch 100 robots easily in one environment
- Strong wireless network
- Adapt to complex scenarios including crossing, roundabout
- Strong dispatch ability comparable to subway and highway



Restaurant



Hotel



School



Office



Coffee Shop



Shopping Mall



Hospital



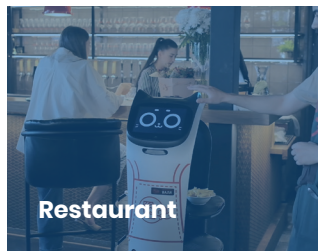
Factory



Public Place

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.



Panasonic



MINOR
HOTELS



Comwell
HOTELS



Cooperation

Technology Partner



Cooperation

Media





Pudu Robotics 🔍

Pudu Robotics

☎ +86 18124141175 (GMT+8, 9:00 to 21:00 on weekdays)

✉ global_marketing@pudutech.com

📍 5/F, Building 1A, Shenzhen International Inno Valley Phase 1, Dashi 1st Road, Nanshan District, Shenzhen, China 518300

🌐 www.pudurobotics.com