



# **Suzhou Alpha Robotics Co., Ltd.**

AI service robot + Terminal delivery robot+ Home robot vacuum

# Company Profile

Alpha Robots Co., Ltd. (**Alpha Robotics**) was established in 2006. It is a high-tech enterprise and a specialized new enterprise focusing on the research and development, production and sales of service robots. The company has more than **300** independent patents and intellectual property rights, and masters the two-wheel robot Core technologies such as differential chassis, wire-controlled chassis, motor drive control, indoor navigation algorithm, outdoor low-speed driverless driving, AI large model, IOT elevator control system, etc. are the main formulation of the "National Standard for Food Delivery Service Robots" (**GBT37395-2019**) One of the main products, there are three series:

1. **AI service robots** (**Timo, Sonw, Amy, Jupiter, Alice, Nanny robot**);
2. **Terminal delivery robots** (**Panda** delivery robot, **Scud** hotel delivery robot, **Scud** takeout delivery robot, **WeDrive** outdoor unmanned vehicle);
3. **Home robot vacuum** (**Robotcat**, robot vacuum ODM)

Shunchi Robot (**Magic**), a subsidiary company specializing in service robots ODM OEM digital intelligent manufacturing factory, has a production base of nearly 30,000 square meters, 6 commercial robot production lines, 4 household sweeping robots and cleaning appliance production lines, and 1 unmanned vehicle production line. It is currently the largest domestic One of the largest service robot manufacturers, its products are exported to 70 countries and regions, providing services to more than 8,000 well-known customers around the world, and its global sales are far ahead.



# Company Culture



## Mission

Let human being only work one day a week!



## Vision

Let robots enter thousands of households and become a global leader in service robots



## Company Culture

## Idea

Be user-centered and team up with strivers



## Value

Sincerity、 Profession、 Excellence、 Share



# Alpha Robot Product Line

## AI service robot series



Nanny robot

## Terminal delivery robot series

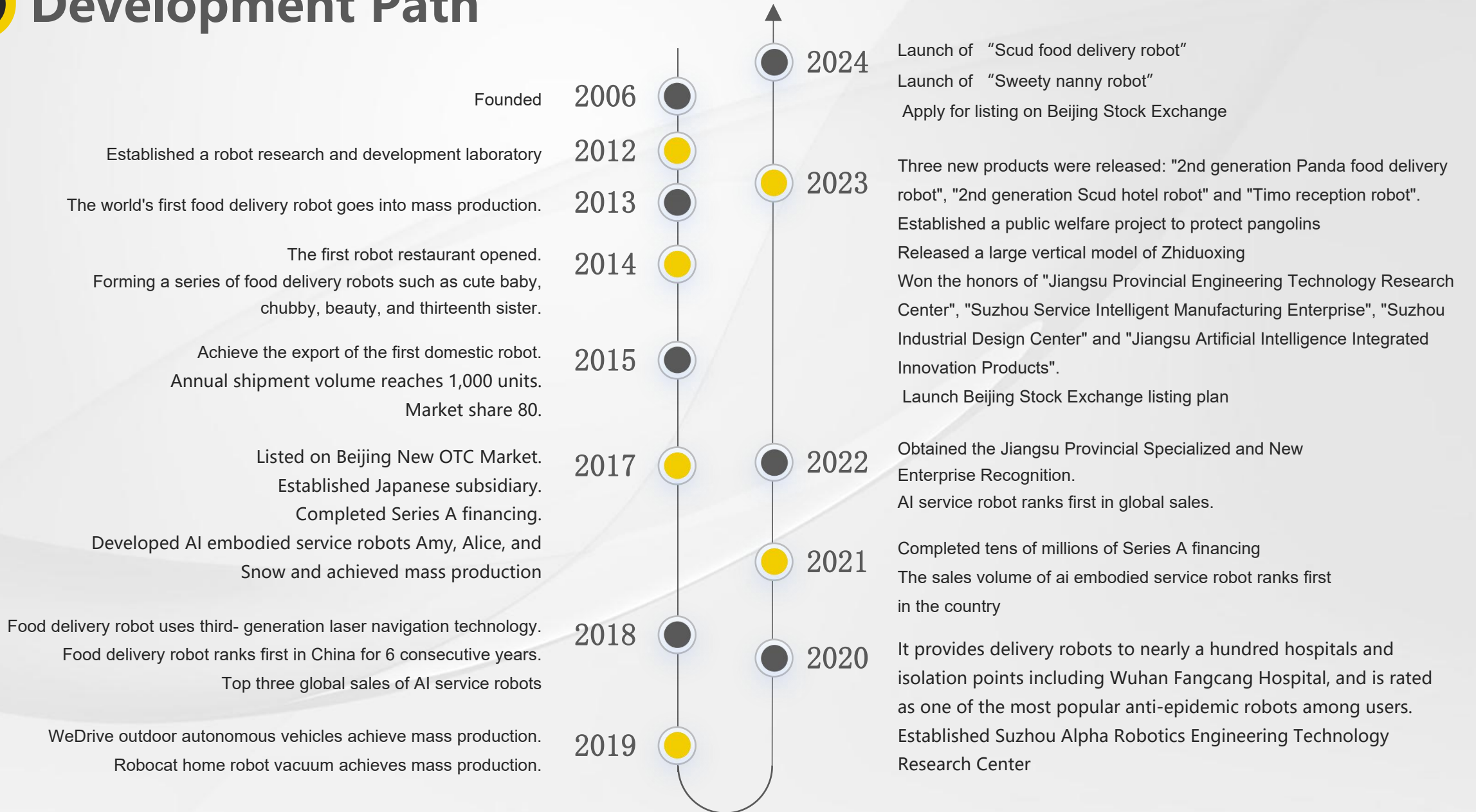


FoodDelivered-Robot

## Home robot vacuum series

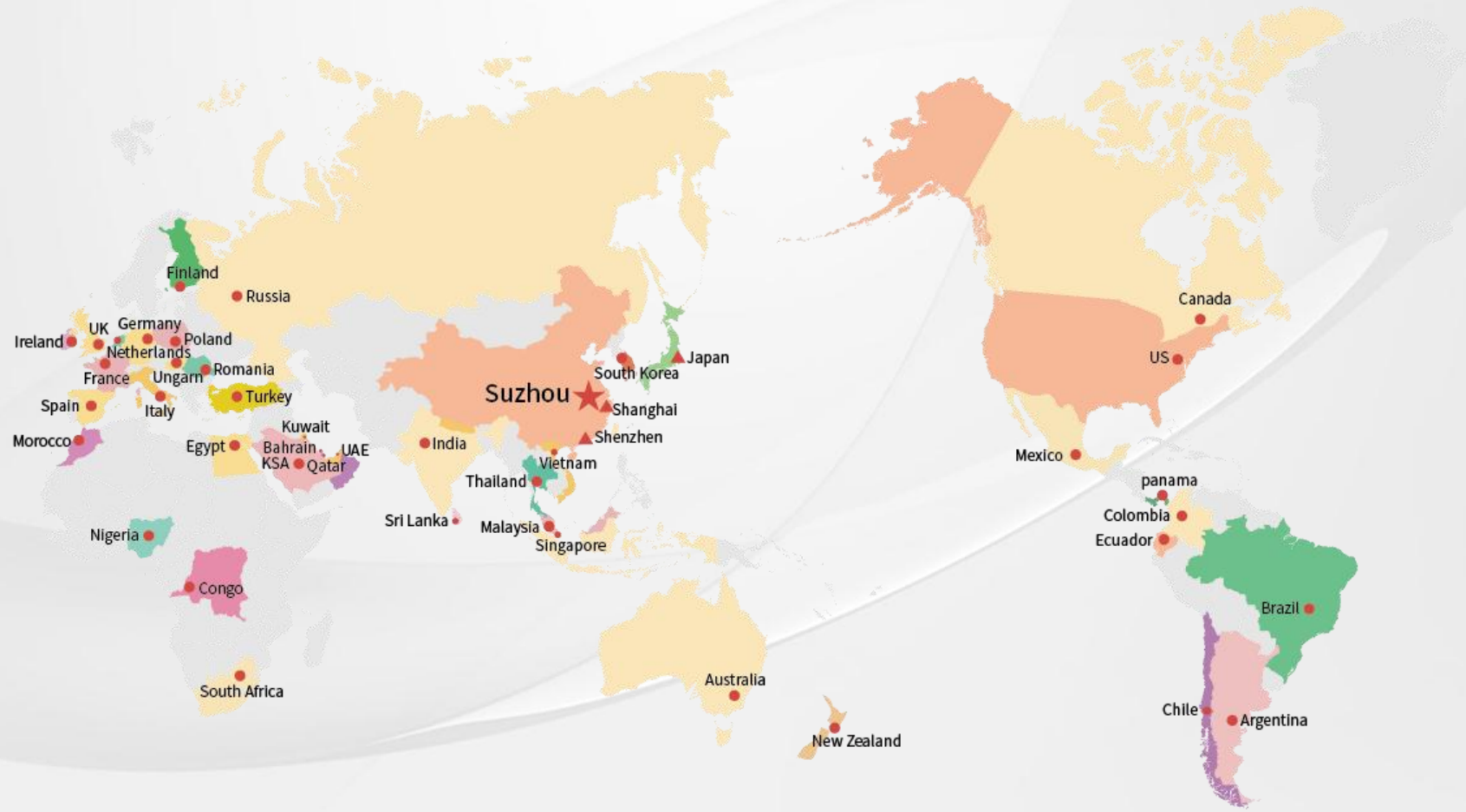


# Development Path



# Global Distribution

★ Headquarters    ▲ Subsidiaries    • Agent



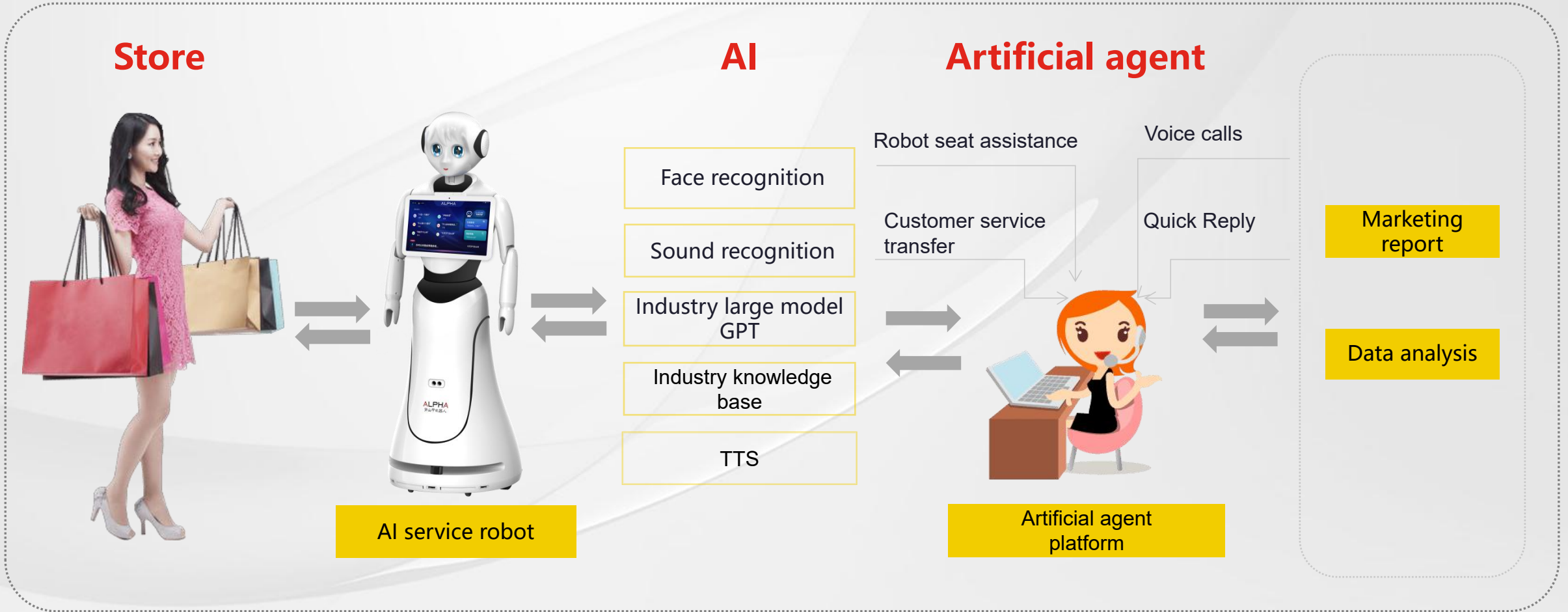
## Production base

- East China production base

## R & D Center

- Suzhou R&D Center
- Shanghai R&D Center
- Shanghai R&D Center

# Honey Bee Intelligent Brain Manage Cloud Platform



# Based on pangolin cos robot operating system Already have **100** industry application software and 10,000 developers





# Alpha Robotics Real-time Monitoring





# Little Bee Delivery Robot Cloud Management Platform

## 穿山甲机器人服务实时监控

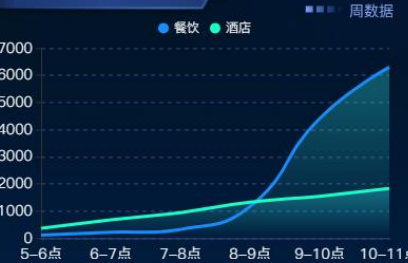
### 配送服务次数



### 配送类型分布



### 配送时间分布



累计服务 **1,289,350,083** 人次

累计服务国家  
**70个国家**

累计服务省份  
**34个省份**

累计服务城市  
**372个城市**

累计服务时长  
**583万小时**

累计到达点数  
**6800万次**

累计里程  
**102万公里**



AI服务机器人

末端配送机器人

### 用户数据概览



17609140人  
用户总数



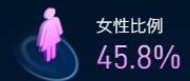
1765602人  
会员数



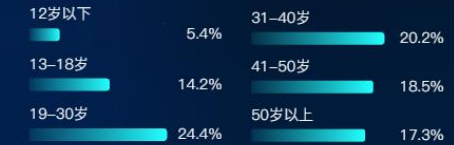
92.5%  
满意度

### 用户基础画像

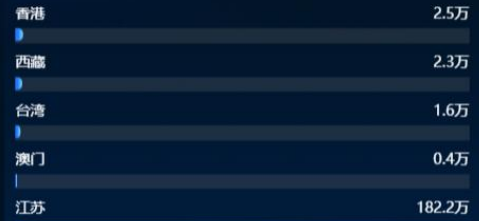
#### 用户性别分布



#### 用户年龄分布



### 用户地区分布



### 服务实时数据

服务时间	sn	所属企业	当前服务	目标点位
16:02:39	3600****005F	上海****中心	引领带路	文创艺术厅
16:02:38	3300****002E	重庆****公司	机器人问答	迎宾点
16:02:38	3600****000A	成都****公司	配送	后厨
16:02:38	3800****000C	广州****公司	配送	1F急诊药房
16:02:38	3000****001B	天津****公司	机器人问答	迎宾点

# The World's Four Major Certifications (the only one in the industry)



China CR Certification



EU CE certification

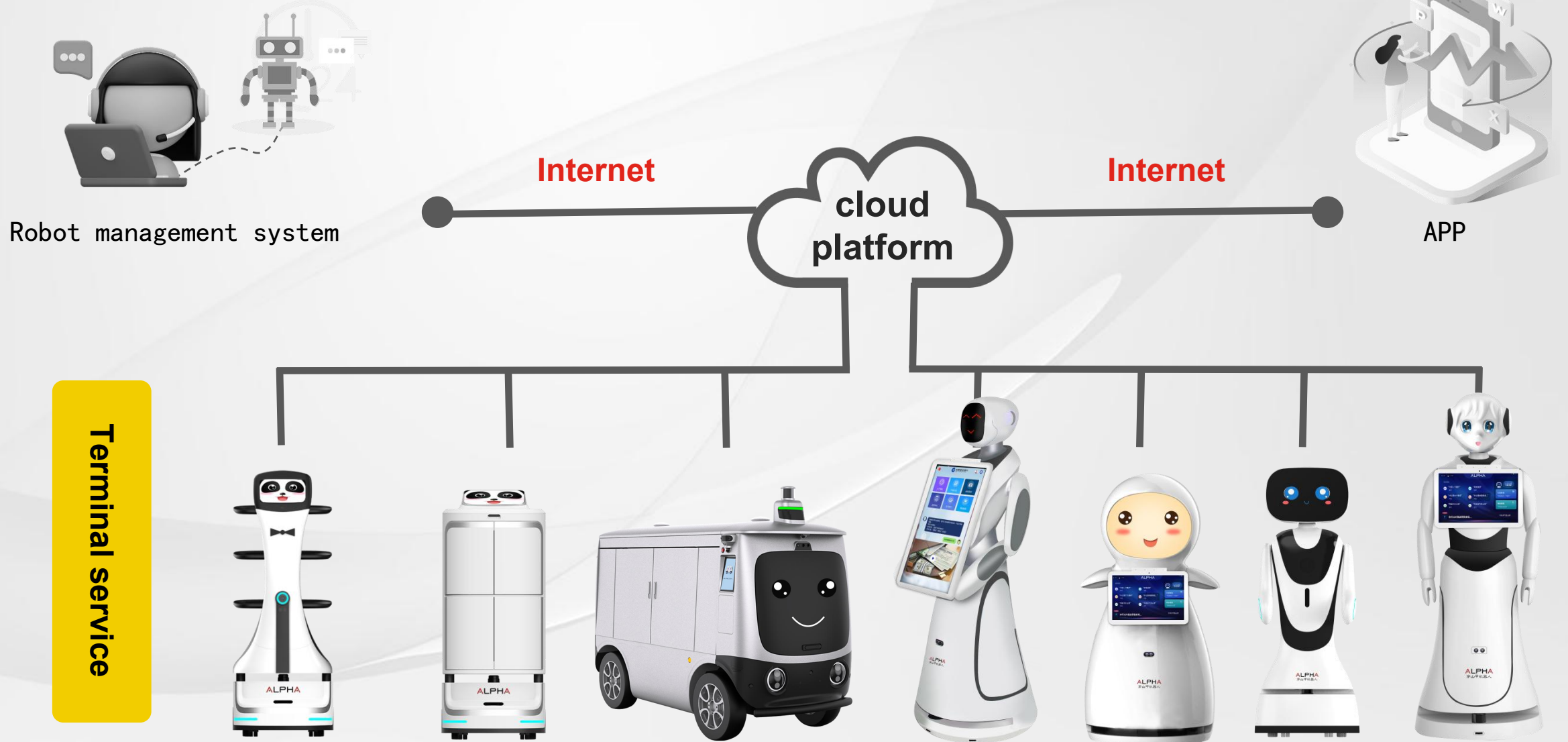


US FCC certification



Japan Telec certification

# Alpha robot remote assistance management system



# Series 1: AI Service Robot Series

**AI service robot ranks first in global sales**



*Amy*



*Snow*



*Timo*



*Jupiter*



*Alice*



**Sweetie nanny robot**

# Series 2: Terminal Delivery Robot Series

**Delivery robot ranks third in the world**



**Panda**



**Scud**



**Amy**



**D3**



**Scud** FoodDelivered-Robot

# Series 3: Robocat Robot Vacuum

**The pioneer of hidden laser robot vacuum**

Have a pet, have a RoboCat



**G11 Turbo**  
*robot vacuum*



**G11**  
*robot vacuum*



**T7 Turbo**  
*robot vacuum*



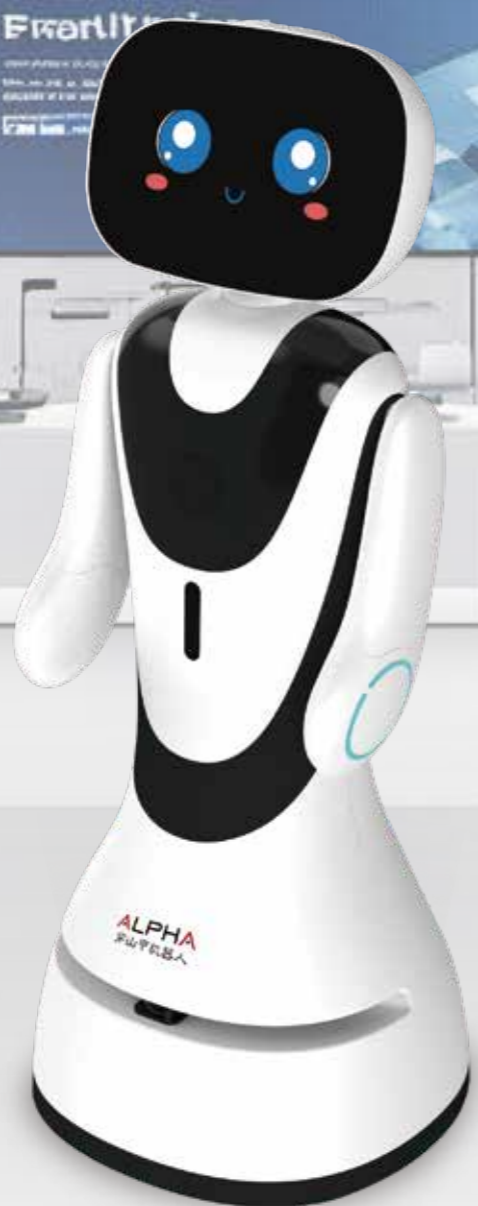
**T7**  
*robot vacuum*



**H12**  
*Floor scrubber*

## Timo AI Service Robot

Mainly used in exhibition halls, educational institutions, retail stores, etc.



## Function Brief



Face Recognition



Knowledge Introduction



Video Play



ID Recognition



Entertainment Interaction



Voice Interaction



Security patrol

## Basic Specifications

Name:	Timo AI Service Robot
Size:	L460*W460*H1200mm
Weight:	19kg
Speed:	0-1.2m/s
EnduranceTime:	≥10h
Charging Time:	2~3h
Screen size:	13.3"
Position Precision:	±50mm
Navigation Mode:	Laser Navigation
Battery Capacity:	15Ah
DOF:	6 Degrees of Freedom
OS:	Android
Power:	40W



Note: The above parameters for product iterative upgrade are for reference only





## Timo AI Service Robot

Mainly used in exhibition halls, primary and secondary schools, retailers and supermarkets to enhance technological innovation services and improve the intelligent service system.

**Welcome reception, entertainment interaction, voice control, tour guide, accurate map construction, timely automatic charging, multi-functional service assistant**



Hebei Chengshi Industry Group  
Co.,Ltd.



Shanghai East China Normal  
University science and education  
instrument LTD



## Snow AI Service Robot

Mainly used in schools, nursing homes, retail stores, exhibition halls, etc.



## Function Brief



Face Recognition



Knowledge Introduction



Video Play



ID Recognition



Entertainment Interaction



Voice Interaction



Security patrol

## Basic Specifications

Name:	Snow AI Service Robot
Size:	L550*W600*H1120mm
Weight:	31kg
Speed:	0-1.2m/s
EnduranceTime:	≥10h
Charging Time:	2~3h
Screen size:	13.3"
Position Precision:	±50mm
Navigation Mode:	Laser Navigation
Battery Capacity:	15Ah
DOF:	4 Degrees of Freedom
OS:	Android
Power:	50W



Note: The above parameters for product iterative upgrade are for reference only



# Snow AI Service Robot

It is mainly used in primary and secondary schools, training institutions, retailers and other occasions to improve scientific and technological innovation services and improve the intelligent service system.

**Welcome reception, entertainment interaction, voice control, tour guide, accurate map construction, timely automatic charging, multi-functional service assistant**



Postal Savings Bank Of China



Yuquan Kindergarten directly under Sichuan Province



## Amy AI Service Robot

Mainly used in medical facilities, public services, schools, retail stores, exhibition halls, etc.



## Function Brief



Face Recognition



Knowledge Introduction



Video Play



ID Recognition



Entertainment Interaction



Voice Interaction



Security patrol

## Basic Specifications

Name:	Amy AI Service Robot
Size:	L650*W560*H1500
Weight:	49kg
Speed:	0-1.2m/s
EnduranceTime:	≥10h
Charging Time:	3~4h
Screen size:	21.5"
Position Precision:	±50mm
Navigation Mode:	Laser Navigation
Battery Capacity:	20Ah
Power:	50W
OS:	Android
Type of Battery:	Lithium Battery



Note: The above parameters for product iterative upgrade are for reference only



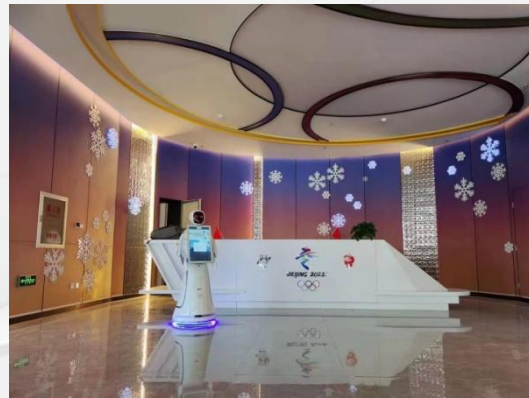
## Amy AI Service Robot

It is used in many service places such as stations, airports, hotels, shopping malls, banks, hospitals, schools, government halls, restaurants, etc.

**Facial recognition, welcome reception, voice interaction, voice control (controlling various instructions), explanation and navigation, secondary development, etc., to optimize manpower and attract customers.**



Shanghai Panasonic  
Electric Exhibition Hall



Amy-Olympic Winter Games Beijing  
2022

## Jupiter AI Digital Service Robot

Mainly used in government affairs, public services, retail stores, exhibition halls, etc.



## Function Brief



Face Recognition



Knowledge Introduction



Video Play



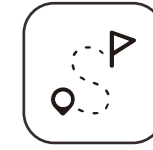
ID Recognition



Entertainment Interaction



Voice Interaction



Security patrol

## Basic Specifications

Name: Jupiter AI Digital Service Robot

Size: L540\*W470\*H1350mm

Weight: 40kg

Speed: 0-1.2m/s

EnduranceTime: ≥10h

Charging Time: 3~4h

Screen Size: 21.5"

Position Precision: ≤200mm

Navigation Mode: Slam lidar Navigation

Battery Capacity: 20Ah

Power: 50W

OS: Android

Type of Battery: Lithium Battery



Note: The above parameters for product iterative upgrade are for reference only

## Jupiter AI Service Robot

Metaverse robots, virtual human figures for family interaction, are mainly used in public service occasions such as corporate lobbies, government agencies, and retail supermarkets.

**Deep semantic understanding, multi-modal human-computer interaction, intelligent navigation and obstacle avoidance system, combined use of multiple sensors, and diversified welcome services.**



New energy vehicle exhibition hall



Fresh food supermark



## Alice AI Service Robot

Mainly used in government affairs, public services, retail stores, exhibition halls, etc.



## Function Brief



Face Recognition



Knowledge Introduction



Video Play



ID Recognition



Entertainment Interaction



Voice Interaction



Security patrol

## Basic Specifications

Name:	Alice AI Service Robot
Size:	L580*W550*H1500mm
Weight:	45kg
Speed:	0-1.2m/s
EnduranceTime:	≥10h
Charging Time:	2~3h
Screen Size:	13.3"
Position Precision:	±50mm
Navigation Mode:	Laser Navigation
Battery Capacity:	15Ah
DOF:	6 Degrees of Freedom
OS:	Android
Power:	50W



Note: The above parameters for product iterative upgrade are for reference only





## Alice AI Service Robot

It is widely used in public places such as science and technology museums, museums, governments, schools, airports, and corporate exhibition halls to enhance the intelligent experience of end customers and optimize service methods.

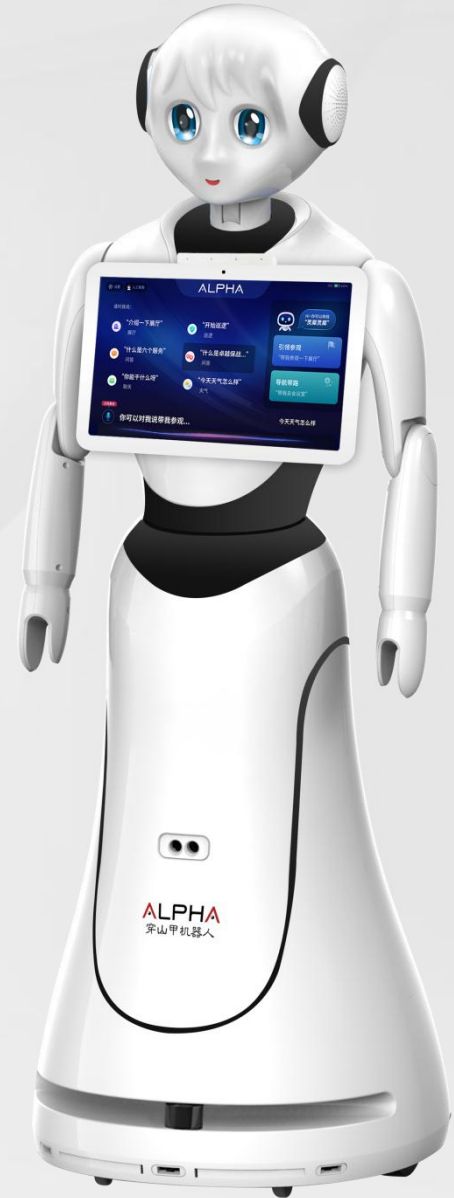
**Provide welcome reception, guided tours, Q&A and other services, and visualize data management to reduce the work pressure of service personnel and save labor costs for users.**



Ningbo Ocean Research Institute



Southeast University Library



## Panda Delivery Robot

Mainly used in restaurants, shopping malls, supermarkets, snack shops, etc.



## Function Brief



Voice Interaction



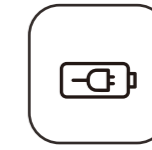
Intelligent Navigation



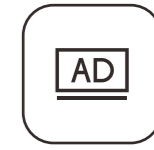
Dishes Introduction



Autonomous Obstacle Avoidance



Auto Charging



Mobile Advertisement

## Basic Specifications

Name:	Panda Delivery Robot
Size:	L510*W430*H1200mm
Weight:	43kg
Speed:	0-2m/s
Endurance Time:	≥8h
Charging Time:	2~3h
Screen Size:	10.1"
Position Precision:	±50mm
Braking Distance:	≤200mm
Battery Capacity:	15Ah
Max Load:	30kg
Touch Screen Resolution:	1280*800
Power:	40W
Tray Size:	380X380mm



Note: The above parameters for product iterative upgrade are for reference only

## Panda Delivery Robot

Used in restaurants, hot pot restaurants, coffee shops, bars and many other catering service places.

**The four-layer pallet and large-capacity transport help catering companies optimize and upgrade their operating processes, realize intelligent catering management and efficient operations, and free catering practitioners from low-end repetitive work.**



Mengniu



Hotpot



## Scud Hotel Delivery Robot

Mainly used in restaurants, shopping malls, office buildings, hospitals, etc.



## Function Brief



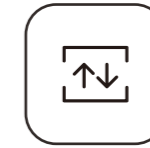
Intelligent Navigation



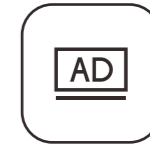
Autonomous Obstacle Avoidance



Voice Broadcast



Automatic Up And Down Elevator



Mobile Advertisement



Remote Control

## Basic Specifications

Name:	Scud Hotel Delivery Robot
Size:	L510*W430*H1060mm
Weight:	59kg
Speed:	0-2m/s
Power:	48W
Charging Time:	2~3h
Endurance Time:	≥8h
Load Capacity:	100kg
Braking Distance:	≤200mm
Battery Capacity:	15Ah
Lidar:	40m
Touch Screen:	10.1"
OS:	Android



Note: The above parameters for product iterative upgrade are for reference only

## Scud Delivery Robot

It is used in hotels, guesthouses, hospitals, business office buildings, etc. to effectively meet customer distribution needs, with fast one-click delivery, labor saving, and intelligent services.

**It has functions such as intelligently creating maps, autonomously riding elevators, automatically avoiding obstacles, automatically making calls, and automatically recharging.**



Suzhou Heyi Hotel



Suzhou Weijing International Hotel



## Amy Delivery Robot

Mainly used in restaurants, coffee shops, 4S stores, sales offices, etc.



## Function Brief



Voice Interaction



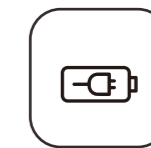
Intelligent Navigation



Dishes Introduction



Autonomous Obstacle Avoidance



Auto Charging



Mobile Advertisement

## Basic Specifications

Name:	Amy Delivery Robot
Size:	L780*W560*H1500mm
Weight:	45kg
Speed:	0-1.5m/s
EnduranceTime:	≥8h
Charging Time:	2~3h
Screen Size:	13"
Position Precision:	±50mm
Navigation Mode:	Laser Navigation
Battery Capacity:	15Ah
Material:	ABS
Max Load:	5kg
Tray Size:	340X250mm



Note: The above parameters for product iterative upgrade are for reference only

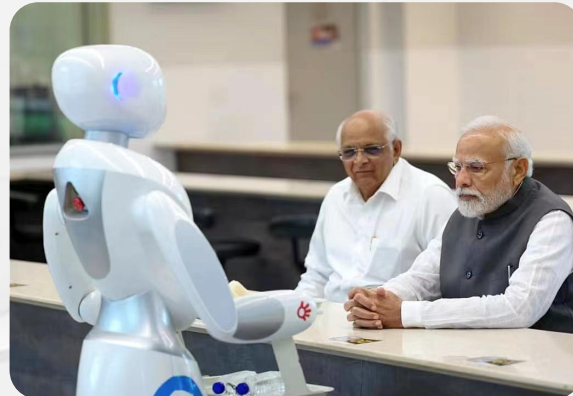
## Amy Delivery Robot

Used in restaurants, hot pot restaurants, coffee shops, bars and many other catering service places

**It has a humanoid appearance and is more friendly. It has functions such as welcome guide, intelligent navigation, automatic food delivery, independent avoidance, dish introduction, mobile advertising, and independent charging.**



CCTV Online Spring Festival Gala



Food delivery service for Indian Prime Minister Narendra Modi



# Wedrive Unmanned delivery vehicle

Wedrive D3



Wedrive S3



Wedrive E3



Unmanned vehicle chassis

## Function Brief



Intelligent Navigation



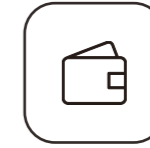
Autonomous Obstacle Avoidance



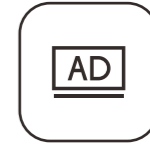
Voice Broadcast



Autonomous Follow



Convenient Payment



Mobile Advertisement



Remote Control

## Basic Specifications

Model	Wedrive D3/S3/E3	Speed	10km/h
Apparent dimension	L2275*W1070*H1820mm	Braking distance	1m(10km/h)
Container capacity	About 1108L	Sensor	44 lines、16 lines、32-line radar, ultrasonic
Net vehicle weight	About 350kg	Camera	Binocular cameras, surround view surveillance cameras
Vehicle load capacity	300KG	IMU+RTK+GPS module	1
Endurance time	≥8h	Xavier computing platform	1
Charging time	≤5h	5G	Support
Recharge mileage	50km	Max fording depth	100mm
Charger input	16A	Min turning radius	3.5m
Power	1.44KW	Max gradient	20%
Touch screen size	8inch	Operating ambient temperature range	-20°C~50°C



Note: The above parameters for product iterative upgrade are for reference only





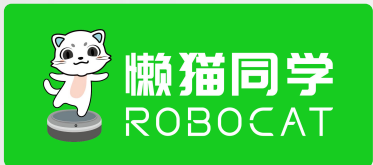
## WeDrive Robot

Unmanned vehicles are widely used in parks, scenic spots, commercial streets, parks, factories, squares, schools and other places to provide mobile vending and distribution services.

**Level 4 autonomous driving, changing from the traditional people looking for goods to the current new retail model of goods looking for people. Adopt dynamic visual vending technology and support WeChat and Alipay code scanning.**

**Shopping process: Convenient, fast and safe.**





## RoboCat Robot Vacuum

Have a pet, have a RoboCat



Hidden Lidar



Height only 8.3cm the thinnest in the world



New motor imported from



Low noise and strong wiping durable

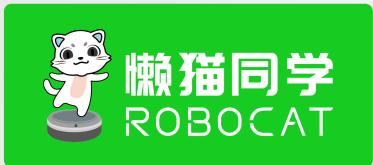


4000Pa Strong Suction  
Much cleaner



5200mAh Long battery life with large capacity





## RoboCat Floor Scrubber

Have a pet, have a RoboCat



2500 rpm high speed motor



Electrolyzed water sterilization



Self-cleaning



Anti-winding comb teeth soft velvet rolling brush



3.7KG lightweight design



Unlimited wireless design



# Main Partners



# Strategic Partners



碧桂园股份有限公司



西部机场集团有限公司



株式会社菊池製作所



湖北周黑鸭管理有限公司



浙江远传科技股份有限公司



日本电气通信大学

# Application Scenarios Of AI Service Robots

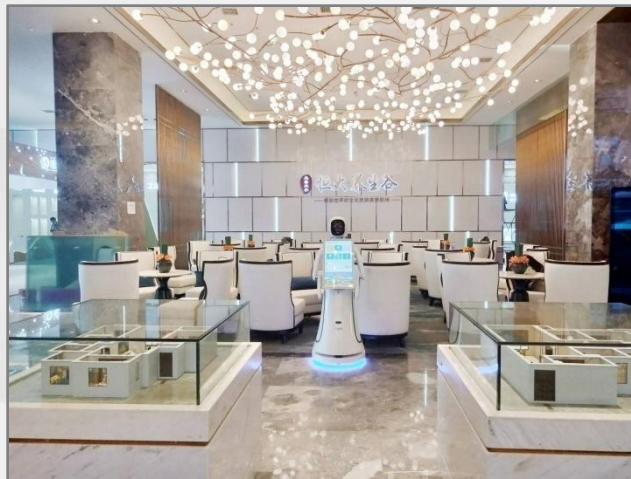
## Smart exhibition



## Smart Education



## Smart Retail



# Wisdom Catering







# Wedrive Cases



# Wisdom Family



There will be three kinds of human on Earth in the future

Man Woman, **Robot**

# Suzhou Alpha Robotics Co.,Ltd.

**Let humans work only one day a week**



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