

# WELCOME TO ATEAGO

## PRODUCTS & SOLUTIONS

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## ATEAGO ROBOTIKS F3 Food Delivery Robot Carrier Transport Robot Catering Service Robot Restaurant Dispatching Robot Waiter

ATEAGO ROBOTIKS F3 Food Delivery Robot Carrier Transport Robot Catering Service Robot Restaurant Dispatching Robot Waiter is equipped with our leading autonomous scheduling system, multi-machine collaboration, stable operation, high-precision navigation and positioning, no need to stick codes, 3D intelligent obstacle avoidance, automatic recharging, rear 15.6-inch high-definition advertising screen and other functions to realize the distribution of goods on different floors.



## Product structure



## Product features

### 1. Autonomous scheduling system

The industry's original independent scheduling system, multi-machine cooperation, orderly operation

### 2. No need to paste code

Robot navigation and deployment, no need to paste codes on the ceiling, and will not affect the beauty of the store

### 3. Autonomous obstacle avoidance

3D camera + lidar Intelligent recognition of the surrounding environment



### 4. Autonomous call/door control

It can be equipped with elevator control, access control modules, automatic elevators and control passage fire doors

### 5. Free passage of narrow lanes

Narrow aisle, free movement, 70cm narrow aisle to walk freely, driving without setback

### 6. Automatic return to charging

15 hours long battery life, automatic recharging at low power, no manual operation required



## Super heavy load, super performance



Single layer bearing  
20KG (4 floors in total)

The tray is removable to  
meet different heights  
the delivery requirements  
of the items



## 15.6-inch high-definition advertising screen

It can play promotional materials such as pictures and videos, customize the content of the voice broadcast, customize the marketing plan, and create an exclusive special restaurant



## Intelligent obstacle avoidance

Equipped with SLAM synchronous positioning and mapping system independently developed by ATEAGO, high-precision navigation and positioning, lidar, 3D camera, all-round perception of the surrounding environment, efficient and stable operation

### Single-line lidar:

Detection distance 25m, laser wavelength 905 nm, working area 270°

### 3D camera:

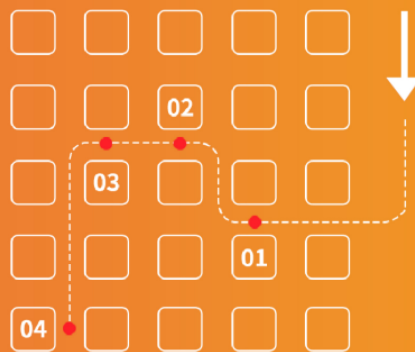
Vertical angle: 45.5° Horizontal angle 58.4°



## Choose your own route



Automatically plan the optimal driving route, efficiently deliver automatic avoidance of pedestrians or obstacles, and run stably







## Narrow passage free passage



1

70cm narrow passage  
for free passage

2

High precision navigation  
and positioning

3

Stable operation,  
no shaking



## Traditional restaurant delivery pain points

### Small and medium-sized restaurants [delivery] pain points

1. The distance between the dining tables is small, the passage is narrow, the flow of people is large, and the efficiency is low
2. The delivery distance is short, and the traditional delivery scheme cannot exert its value
3. The venue is complex and diverse, and there are few intersections between the main passage and the robot



Medium-sized restaurant:  
Waiter A puts food + machine  
operation

Machine  
arrives



Waiter B picks up  
the meal

Small restaurant:  
Waiter A puts food + machine  
operation

Machine  
arrives



Waiter A picks up  
the meal

## Four Modes

### 1. Meal delivery mode

Efficient food delivery,  
self-avoidance,  
Precise arrival



### 2. Cruise mode

automatic cruise  
Autoplay ad information



### 3. Return mode

Automatic cruise,  
recycling dishes  
on the table



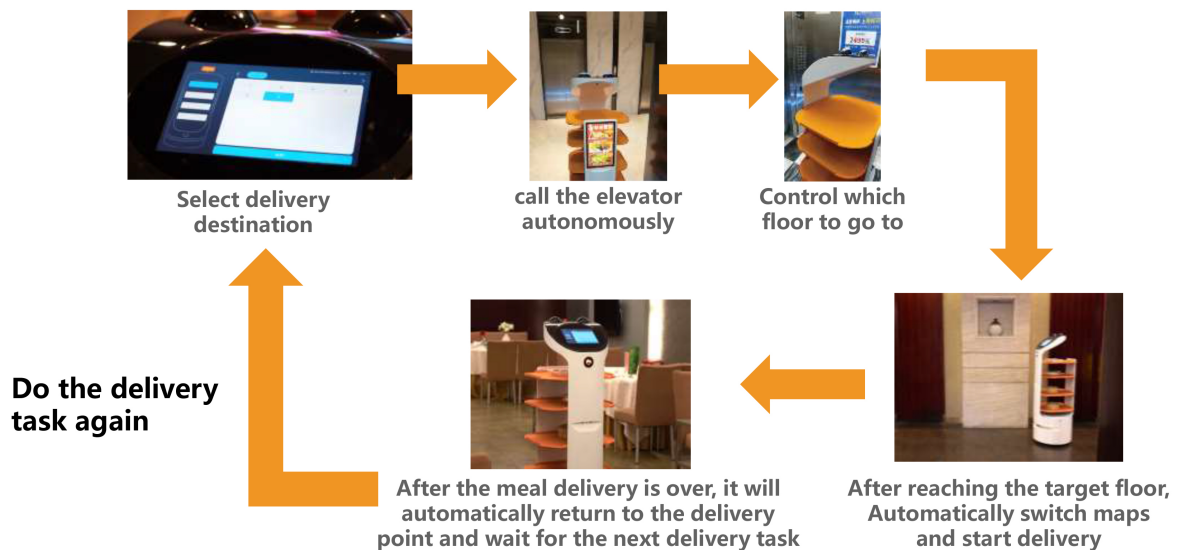
### 4. Birthday Mode

Play birthday wishes  
songs for VIP customers  
who come to dine



## Cross-floor delivery tasks

Take the elevator autonomously, control the access control, automatically switch the map, indoor autonomous navigation, cross-floor delivery



## Lithium iron phosphate battery



High temperature resistance, no burning, Safe enough



Long battery life with up to 2000 discharge cycles



Support fast charging, charging faster



Green, energy saving, environmental protection

No fire, no burning, absolutely safe, longer battery life



Lithium iron phosphate battery  
(25.6V/25Ah)

< Pre  
Cateri

## Food delivery robot-vegetable cover version

Closed distribution, electronic key to open the door, safe, hygienic, heat preservation, avoid the risk of cross infection



## Wide range of applications

Products are widely used in restaurants, hotels, KTV, Internet cafes, foot massage clubs, office buildings and other places

