

**ORIONSTAR**

AI DELIVERY ROBOT

# LUCKIBOT PRO

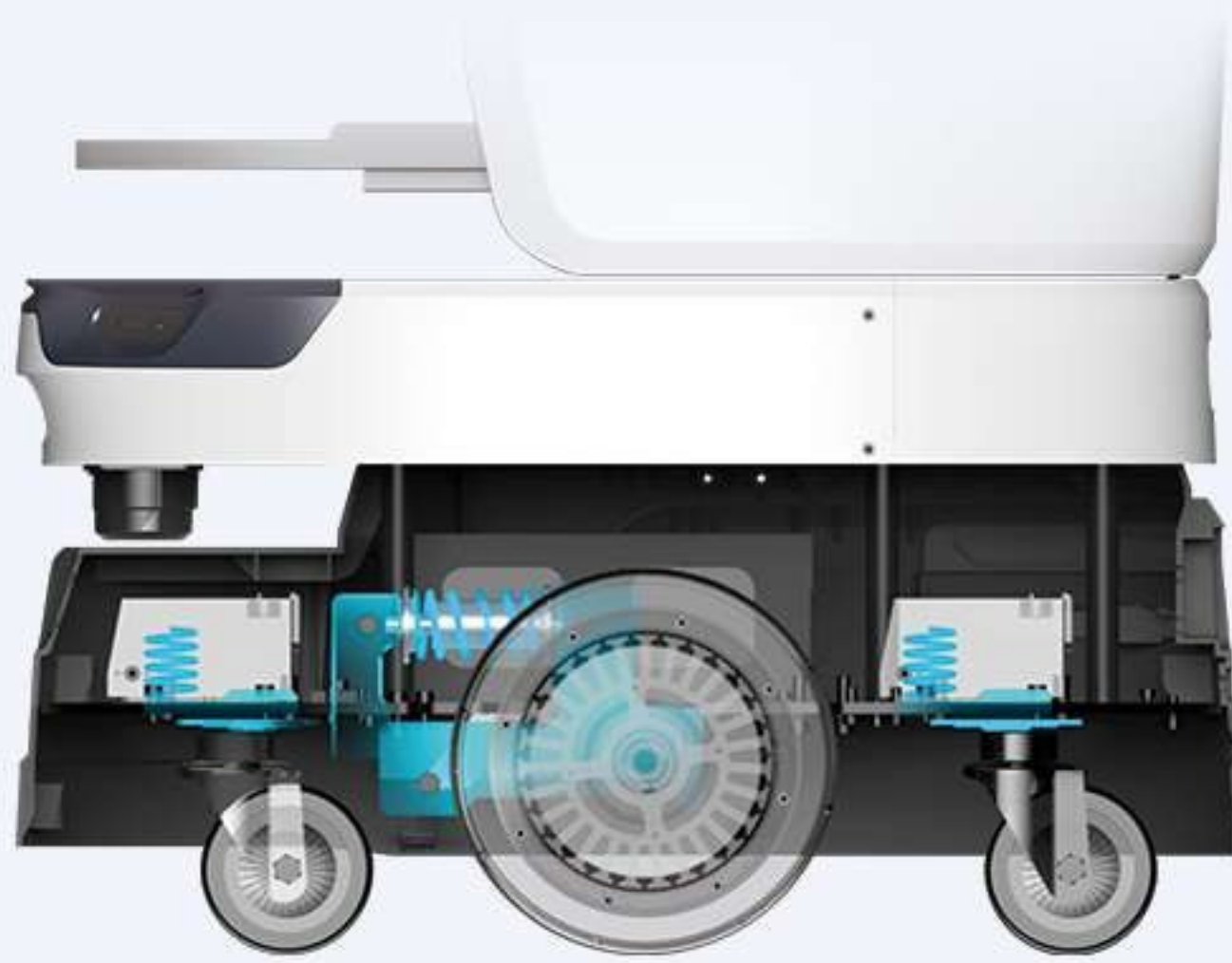
MORE THAN DELIVERY

Génération  
**ROBOTS**



## PRO DELIVERY EFFICIENCY

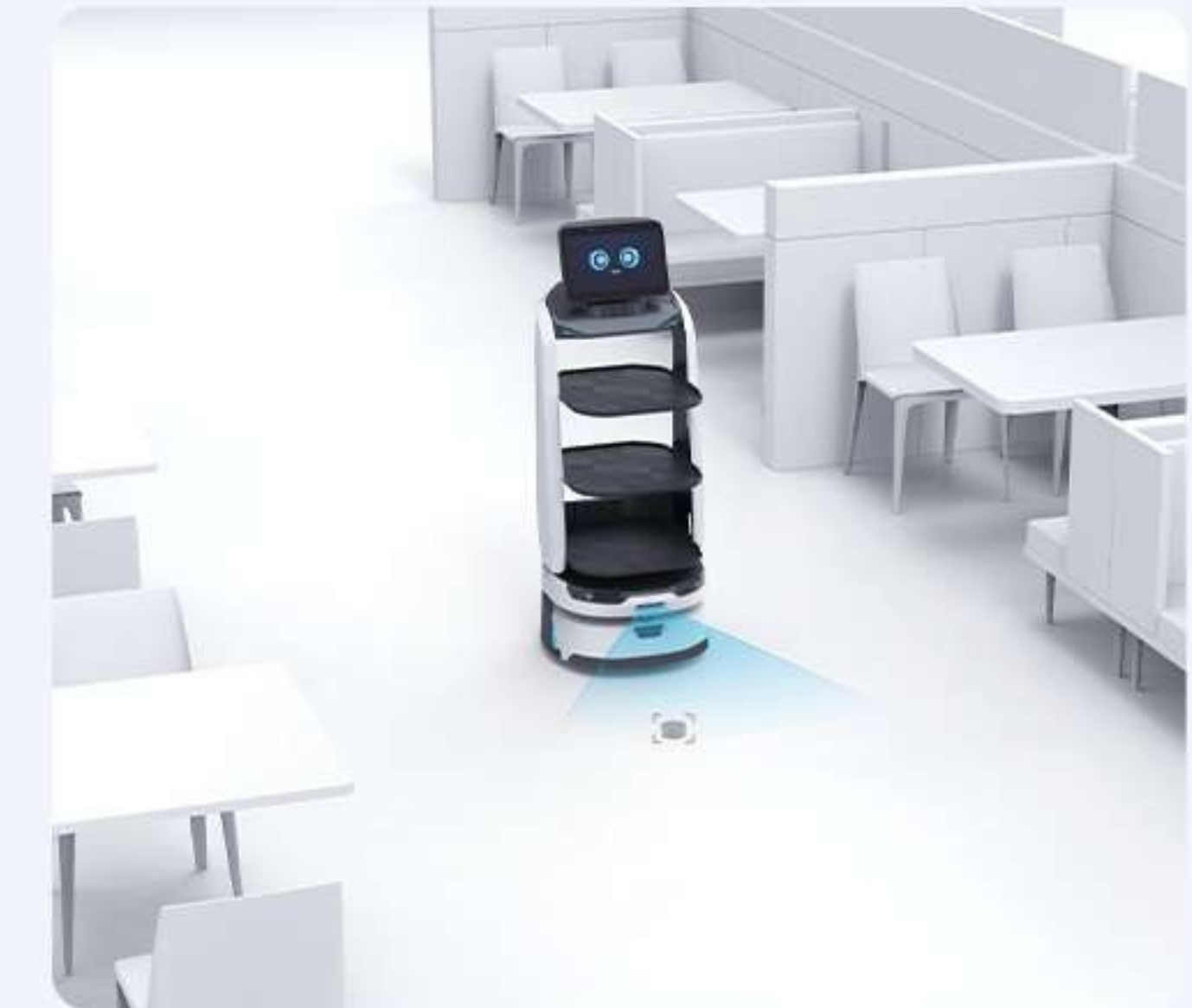
### See Clearly, Walk Steadily



- High passability due to the quasi-circular chassis design.
- High adaptability. By adopting the Torsion Bar Suspension for the first time, it becomes suitable for various complicated ground environments.



240° Lidar 3D 180%  
Obstacle Avoidance



- 240° Lidar + 3D omnidirectional obstacle avoidance sensor achieves safer operation.
- RGBD\*3 depth camera can detect small obstacles quickly and accurately.



### 50% Improved Loading Capacity

- Max. loading capacity is up to 60 Kg with an adjustable set supporting up to 4 layers, each holding 15 Kg.

### Large Capacity, Fast Charging

- LuckiBot Pro can operate for up to 16 hours on a single charge and can be fully recharged in just 4.5 hours by an automatic charging dock.



### Efficient Collection Mode, Increased Productivity

- LuckiBot Pro excels in collecting and delivering goods, effortlessly handling heavy lifting, and minimizing round-trip time.
- Support one-time returns across multiple locations.

# PRO INTERACTION EXPERIENCE

1

## Industry-Exclusive Dish Recognition Camera

- Automatically identify and broadcast dishes, bring you a new intelligent experience.
- Real-time background data analysis. Data Intelligence Management.

3

## 360-Degree Smart Ambient Lamp

- Quickly indicate and pick up.
- Enjoy joy and pleasure through presenting tempting dishes.



2

## Immersive Human-Robot Interaction

- See clearly, with a 14-inch ultra-large 1080P full HD display.
- See widely, 92% improvement in viewable area.
- See newly, redesigned high-tech UI.

4

## Accurate and Fast Voice Interaction

- Powerful AI voice capability, with a 6 Mic array that works seamlessly even in environments with up to 75dB of ambient noise.
- 94% accuracy rate for AI Voice Recognition.

## PRO GREETING AND LEADING

- Intelligently recognize voice commands, independently plan the optimal path, efficiently lead you the way.
- Save your time since LuckiBot Pro will guide you to the target table.



## PRO PROMOTION ABILITY

- Broadcasting a variety of ads to capture the attention of customers.
- Display eye-catching videos and pictures on the screen.



## PRO HIGH SCALABILITY

- Experience an extensive range of APIs for secondary development, available at just one-tenth of the industry standard cost.
- The most advanced chip in the AI industry, the software and algorithms are at least one year ahead of competitors.



## ALL SCENARIOS COVERED



Restaurant



Supermarket



Factory



Nursing Home



Hotel



Club



Office



Hospital

## SPECIFICATION

General Parameters	Overall Size	525 mm × 550 mm × 1375 mm
	Net Weight	59 Kg
	Color	Pearl white + Elegant black
	Body Material	High Strength PC+ABS (Food Grade Plastic Material)
	Screen Size	14-Inch, 1080P
Loading Capability	Loading Space	3 Layers
	Single Tray Load	15 Kg
	Max. Loading Capacity	Up to 60 Kg
	Moving Speed	0.5 ~ 1.2 m/s (Adjustable)
System Performance	Hardware Platform	Qualcomm 8-Core Chip + Industrial Grade MCUs
	Operating System	Deep customized RobotOS based on Android 9.0
	Navigation System	Lidar *1 + 3D Depth Camera*3 + Mono Camera*2 + Top IR Camera*1 + Odometer + IMU*3
	Microphone Array	6 Microphone Arrays, 360° Sound Source Positioning, 3 m Sound Range
	Battery Life	14~ 16 Hours (Based on actual working conditions)
	Positioning Accuracy	Centimeter Level
Network and Charging	Network Supports	4G (Support TDD-LTE, FDD-LTE) WIFI (Support 2.4 G/5 G)
	Charging Mode	Automatic Charging Dock
	Charging Time	4.5 Hours



# Génération ROBOTS

## Distributeur officiel

 [sales@generationrobots.com](mailto:sales@generationrobots.com)

 +33 5 56 39 37 05

 [www.generationrobots.com](http://www.generationrobots.com)