

AI DELIVERY ROBOT

LUCKIBOT PRO

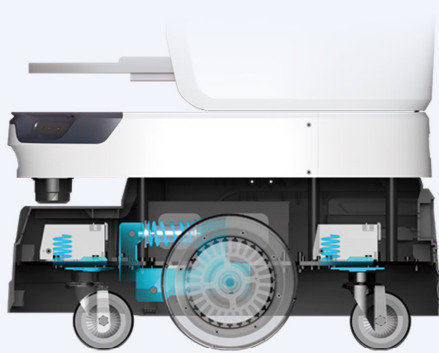
MORE THAN DELIVERY



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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 111 180%
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.
- 97% 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	12 H (Typical cruising scene)
	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

