

All-in-One, Autonomous & Efficient

AI Delivery Robot

Lucki

- Enhance Customer Service Experience
- Customized Interface
- 10.1-Inch Touch Screen
- 3D SLAM Technology
- Support 31 Languages



Software Features



Delivery



Promotion



Guidance



Cruise



Collection

Specifications	
Overall Dimension	W x H x D / 21" x 52" x 20" / 526 mm x 1320 mm x 493 mm
Weight	88 lbs / 40 kg
Body Material	Aviation aluminum; High Strength PC+ABS (Food Grade Plastic Material)
Display	10.1" 1080P Touch Screen
Color	Black & White
Processor	Qualcomm 8-core chip + 32-bit Microchip MCU+Intel® RealSense™ depth sensor
Operating System	Deep customized Robot OS operating system based on Android 9.0
Navigation System	Lidar + Visual Positioning + Visual Obstacle Avoidance + Odometer + IMU
Network Support	WiFi supports 2.4G/ 5G 4G supports TDD-LTE, FDD-LTE"
Robot Speed	1.6 - 3.9 ft/s / 0.5 - 1.2 m/s (adjustable speed)
Audio	6 microphone array, 360° sound source positioning, 5m sound range
Buttons	Power Button; Emergency Stop Button; Sleep Mode Button
Battery	Lithium Ion Battery, 15Ah/25.2V
Battery Life	12 - 15 hours (dependent on actual working conditions)
Charging Time	4 hours
Loading space	3 metal trays with silicon covers (adjustable up to 4 trays)
Tray Dimension	17" x 20" / 42 cm x 50 cm
Single Tray Load	22 lbs/tray / 10 kg
Total Load	88 lbs / 40 kg
Gradeability	5 degree
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity	10% to 90% noncondensing
What's in the box	OrionStar AI Delivery Robot Lucki, Quick Install Guide, Charger, Location Markers

Applications

- Restaurant
- Hospital
- Hotel
- Airport
- Supermarket
- Shopping Mall
- Nursing Home
- Education

Shipment Size (W x H x D) | Weight

Product: (21" x 52" x 20") | 88 lbs

Package: (27" x 57" x 29") | 105 lbs

Crate: (32" x 59" x 32") | 230 lbs

