

PRODUCT CORE CAPABILITIES



Positioning and Navigation

Built-in 210° LiDAR + 3D omnidirectional obstacle avoidance sensor achieves safer operation.

Built-in depth camera can detect obstacles quickly and accurately.

LiDAR + Vision Combination SLAM Solution Navigation Method ensures the robot can accurately detect and stop when encountering obstacles with a response time as short as 0.5 seconds.

Voice Interaction

LuckiBot is equipped with a 6-microphone ring array and 360° coverage, allowing for accurate pickup and clear, high-quality sound.

Its powerful AI voice capability ensures seamless performance even in noisy environments with up to 75dB of ambient noise.

With a remarkable 97% accuracy rate for AI voice recognition, LuckiBot delivers exceptional voice recognition capabilities.



INTRODUCTION

OrionStar, founded in 2016, is a global leader in Large Language Model-Powered Service Robotics. Leveraging cutting-edge AgentOS and advanced voice-interaction technology, we develop robots to streamline repetitive tasks and facilitate human-robot collaboration.

We have shipped over 60,000 robots across 60+ countries and regions in catering, retail, warehouses, and factories, and our service robotics solutions are jointly and broadly developed with worldwide partners on our open RobotOS, driving easy use, smart, efficient, and cost-effective performance.

Guided by our vision "Born for truly useful robots", OrionStar is redefining the industry of service robotics, seamlessly integrating new AI technology into daily life to make the world smarter.

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     OrionStar Robotics

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AI DELIVERY ROBOT

LUCKIBOT

YOUR RELIABLE ASSISTANT

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