

Autonomous Indoor Delivery Robot

This autonomous mobile robot is designed for indoor delivery applications. It uses sensors and LIDAR navigation for unmanned obstacle avoidance and efficient movement within complex environments.



ADDITIONAL IMAGES



Product Overview

Autonomous Delivery Solution

This advanced indoor logistics robot is engineered with a robust combination of high-grade metal and eco-friendly plastics to ensure structural integrity and long-term durability. Designed for seamless human-computer interaction, it features an intuitive touch and voice-controlled interface that simplifies complex delivery and sterilization tasks. Leveraging AI-driven SLAM and VSLAM navigation technologies, the system autonomously maps and adapts to changing environments for reliable, efficient operation in hospitals, offices, and commercial facilities.

Construction & Materials

Chassis Materials	S45C Steel, SS304 Stainless Steel, SGCC Steel, PA Plastic
Body Materials	ABS Plastic, PC Plastic, PA Plastic

Navigation & Intelligence

Navigation Technologies

- Real-time Positioning and Map Construction (SLAM)
- Vision-based SLAM (VSLAM)
- Multi-sensor fusion
- AI-driven environmental adaptation

Operation & Control

Interaction Modes

Voice Control • Touch Screen • One-key Operation

Task Management Features

- Task time scheduling
- Destination planning
- Capsule selection
- Real-time monitoring
- Automatic work record saving