

# 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