

Autonomous Indoor Delivery Robot

This autonomous delivery robot is designed for indoor environments, such as hospitality and retail. It utilizes a multi-layered tray system to carry items and advanced sensors for safe navigation.



Overview

Autonomous Indoor Delivery Solution

The Autonomous Indoor Delivery Robot is an advanced solution engineered for seamless logistics in hospitality and retail environments. Featuring a multi-layered tray system, it efficiently handles the transport of food, beverages, and retail merchandise. Integrated LiDAR and visual camera technology enable safe navigation through complex, high-traffic spaces while ensuring obstacle avoidance.

Technical Specifications

Navigation Systems

LiDAR, Visual Cameras, Obstacle Detection

Operational Design

Operational Capabilities

- Multi-layered tray configuration
- Compact design for narrow aisles
- Integrated touchscreen interface
- Autonomous pathfinding

Primary Benefits

Reduced Labor Costs • Improved Operational Efficiency • Enhanced Customer Experience