

# 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