

Delivery X1

The Safest & Friendliest Way
for Your Food Delivery



BRIEF INTRODUCTION

Delivery X1 is Gausium's brand new product line of service robots dedicated to food delivery. Powered by Gausium's self-owned SLAM (Simultaneous Localization and Mapping) technology and a cutting-edge sensor system, Delivery X1 can perform flexibly in complex, dynamic environments. It perceives and creates semantic maps of the surroundings, accurately detects the static and dynamic obstacles, and calculates the most efficient path to provide a safe, smooth "one-touch" delivery experience.

DELIVERY X1 AT A GLANCE



Point-to-Point Path Planning
Easy, Fast & Collision-Free



Lithium Iron Phosphate Battery
Superior Thermal & Chemical Stability



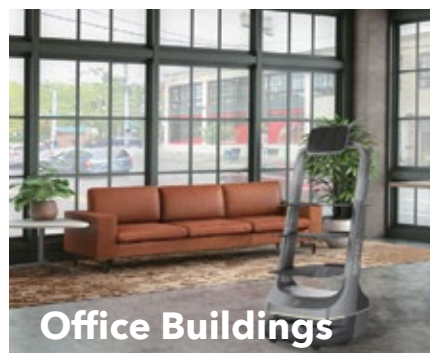
Unique Suspension System
Superb Vibration Suppression



No QR Code for Location
Fast Navigation & Deployment

APPLICATION SCENARIOS

X1 is designed to serve indoor environments where there's a need for food delivery, including restaurants, hotels, cafes, office buildings and more.



CORE STRENGTHS



INTELLIGENCE

- Point-to-point path planning & AI-driven decision making
- 3D environment perception & semantic map construction
- Flexible map editing (virtual wall, slope marking, etc.)



SAFETY

- Adopting lithium iron phosphate batteries with a wider operating temperature range, sparing safety concerns of overheating and explosion
- An array of sensors (LiDAR, depth cameras, cliff sensor) for real-time detection and avoidance of obstacles, providing all-round protection of your asset and customers
- Unique suspension system, reducing vibration and ensuring smooth and stable operation



EASE-OF-USE

- Fast deployment without QR code for location
- User-friendly software with flexible operation methods, scheduling tasks and controlling the robot either through an intuitive touch screen or an Android mobile App



EFFICIENCY

- Large carrying capacity with multiple serving trays, holding up to 30 kg of heavy load
- Reaches up to 3 tables in one go



MINIMAL MAINTENANCE


- Long-lasting lithium iron phosphate battery of 2000 cycles
- Up to 8-hour running time on a single charge
- Automatic charging, realizing 24/7 service


SPECIFICATION


PRODUCT DENOMINATION	X1
FEATURE	Food Delivery
DIMENSION	520(L)*484(W)*1250(H) mm
UNLADEN WEIGHT	55 kg
TRAY DIMENSION	400*(L)*470(W) mm
LOAD CAPACITY	10kg*3
NETWORK STANDARD	4G
WIFI	2.4Ghz
MAX. TRAVEL SPEED	1.2m/s
MAX. CLIMBING DEGREE	5°
MIN. PASSAGE WIDTH	80cm
MIN. TURNING DIAMETER	80cm
BRAKING DISTANCE	5cm
BATTERY TYPE	Lithium Iron Phosphate
BATTERY CAPACITY	20Ah
RATED VOLTAGE	29.4V
MAX. OUTPUT POWER	230W
UPTIME	8h
CHARGING TIME	4h
SAFETY SYSTEM	LiDAR, Depth camera, Bumper, Cliff Sensor


SoftBank Robotics Singapore

111 Somerset Road, SPACES 111 Somerset Road, #03-01,
Singapore 238164

 <https://apac.softbankrobotics.com/apac/>

 E-mail: whiz-apac-sales@softbankrobotics.com

 SoftBank Robotics Singapore (APAC HQ)

 SoftBank Robotics Asia Pacific

