

## Why Browne Technology®?

Browne Group Inc. and Browne Foodservice have been in business since 1949 and services the global foodservice market.

A team that understands and is committed to provide our customers with products that is “Innovative in design, function and quality”.

A team and business that understands the North American foodservice industry. It is what we do since 1949.

Not a startup company and dependent on share prices and financial investments from others to survive.

A business that looks to build long-term working relationships with its customers.

Able to work with you to customize and integrate service robots to suit your needs.

## *Meet* THE NEWEST MEMBERS OF OUR TEAM

**iAssist®** is a sophisticated service robot that provides a variety of technology advancements in an ever-changing world of service.

**iHost®**, the greeting robot. With powerful voice function and large HD screen offers a fun, interactive experience.



Get a sneak peak into the features of our service robots

## iAssist® Capabilities

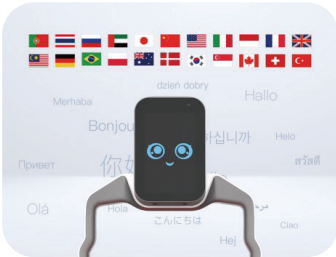
### POSITIONING AND NAVIGATION



Both **Visual & Laser SLAM** (Simultaneous Localization + Mapping) allows **iAssist®** to recognize location markers. Automatically corrects its walking route to avoid deviation from navigation. Quick and easy deployment.

### VOICE INTERACTION

Supports 30+ languages



**iAssist®** is Google Cloud Dialogflow ready. It uses Google Dialogflow to leverage (NLP) natural language processing.

**iAssist®** can recognize human speech in high noise level environments. It integrates a 6-mic ring array with 5-meter radio range. This allows 94% speech recognition rate with 75db noise.

### iAssist® Details



#### 360° Accessible Wide Tray

- 16.9" x 19.7" tray size
- Adjustable 3 trays (4th optional), with several combinations that fit all delivery needs.

### iAssist® Features



#### Stable and Accurate Delivery

**iAssist®** utilizes both Visual and Laser SLAM to ensure quick and easy deployment, fast and accurate delivery and increase safety with smart obstacle avoidance. Self developed AI features intelligent multi robot cooperation allowing multiple **iAssist®** to work together as a team to get the job done efficiently.



#### Cloud-Based Data Management

**iAssist®** uses cloud-based technology. Allows operators to remotely access **iAssist®** and make route and map changes as well update Marketing materials. All information is securely stored on servers in North America abiding by North American privacy laws.



#### Powerful Promotional Tool

**iAssist®** functions as a delivery robot, but that is not all! **iAssist®** can perform bussing and host functions and act as your brand ambassador, by promoting specials and promotions to customers.

## iAssist™ Specification

Overall Size	21 (W) x 20 (D) x 52 (H) inches
Net Weight	104 lbs (with food protector)
Loading Space	3 trays (standard) / 4 <sup>th</sup> tray (optional) adjustable, the area of each tray is 1.9 sq ft
Tray Load	Single tray load 22 lbs, maximum 88 lbs in total
Hardware Platform	Qualcomm 8-core chip + 32-bit Microchip MCU+Intel RealSense depth sensor
Battery Life	12-15 hrs (according to actual working conditions)
Charging Time	3.5 hours
Network Supports	4G supports TDD-LTE, FDD-LTE
Navigation System	LiDAR + Visual Positioning + Visual Obstacle Avoidance + Odometer + IMU
Navigation Method	Pure laser SLAM solution (in cruising mode), laser+vision combination SLAM solution

## iHost™ Specification

Overall Size	16 (W) x 16 (D) x 39 (H) inches
Net Weight	46 lbs
Screen Size	14 inch
Screen Resolution	1920px*1080px
Microphone	6-Mic Ring Array
Network	Wi-Fi: 2.4G/5G, 4G
Operation System	Based on Android 9
Battery	Lithium Battery, Capacity: 10.4Ah, Voltage 25.2V



DESIGN THAT ATTRACTS  
FUNCTION THAT REWARDS  
QUALITY THAT ENDURES

## About Browne

For over 70 years Browne has been committed to excellence in design and innovation. Throughout the years our product selection has changed, but one thing that has always stayed true is our commitment to innovation in design, function, and quality. For additional information, please visit [www.browneco.com](http://www.browneco.com)

## About Orion Star

OrionStar is World's Leading AI Service Robot Company. An industry breakthrough, OrionStar provides a new generation of service robots that integrates "AI + software + hardware + services". Based on its independently developed Whole-Chain AI Technology and proprietary algorithms, OrionStar created the Smart Service Robot Family, including smart receptionist robots, smart delivery robots and smart retail robots.

The OrionStar Smart Service Robot Family is now serving more than 20 scenarios, including restaurants, hotels, healthcare, exhibition halls, shopping malls, government affairs and business campuses, it has deployed nearly 20,000 smart service robots worldwide, leading industry records. For more information, visit: [www.orionstar.com](http://www.orionstar.com)

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