

# LG CLOi ServeBot

The Swift and Reliable Serving Specialist



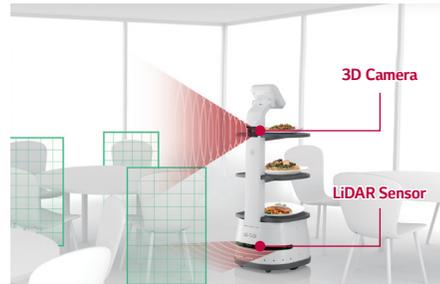


# Leave it to **LG CLOi** ServeBot: your serving specialist!

This smart robot solution performs simple and repetitive tasks based on its innovative autonomous driving system. The LG CLOi ServeBot, revamped with advanced technology and next-level convenience, executes serving tasks with excellent performance.

## LG CLOi ServeBot's versatile serving skills

### Accurate Tracking



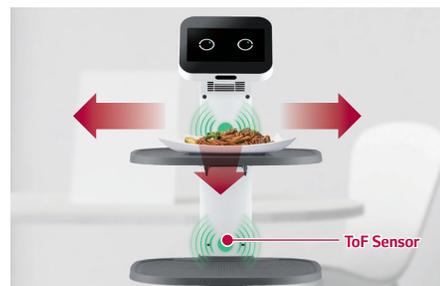
Like the human eye, the 3D camera and LiDAR sensor recognize objects and determine the robot's path, allowing it to freely and accurately navigate, even through (or in) tall, narrow, or complex spaces. Requires advance mapping of table layout for service area.

### Safe Movement



The 3D camera sensor detects low obstacles, while ToF sensors reliably recognize nearby or rapidly approaching objects, allowing ServeBot to avoid even small obstacles as it safely and autonomously navigates the spaces.

### Professional serving



The front, left, and right sides are open to conveniently serve dishes and trays. Each shelf features a ToF sensor that automatically detects food; once removed, the robot automatically proceeds to the next destination, without any additional input required.

### Smart and Convenient



With just a few screen touches, users can easily change the designated location\* and select different modes through an intuitive UI on the 9.2" display. Users can also modify voice\*\* announcements and music played in response to customers. Additionally, the robot's status can be monitored in the cloud to be conveniently checked nearly anytime, anywhere.

\* Available in Cruise Mode (repeatedly moves to designated locations). Must be additionally mapped when store interior changes.

\*\* Voice announcement during movement can be changed. (Future update will allow voice announcement upon arrival to be changed.)

Providing perfect service,  
anytime, anywhere

**LG CLOi** ServeBot



### Restaurants / Franchises

Enhance serving efficiency  
and reduce the physical burden  
on employees with  
swift multi-point delivery



### Hotels / Resorts / Residences

Improve customer satisfaction  
and service with safe and convenient  
contactless serving

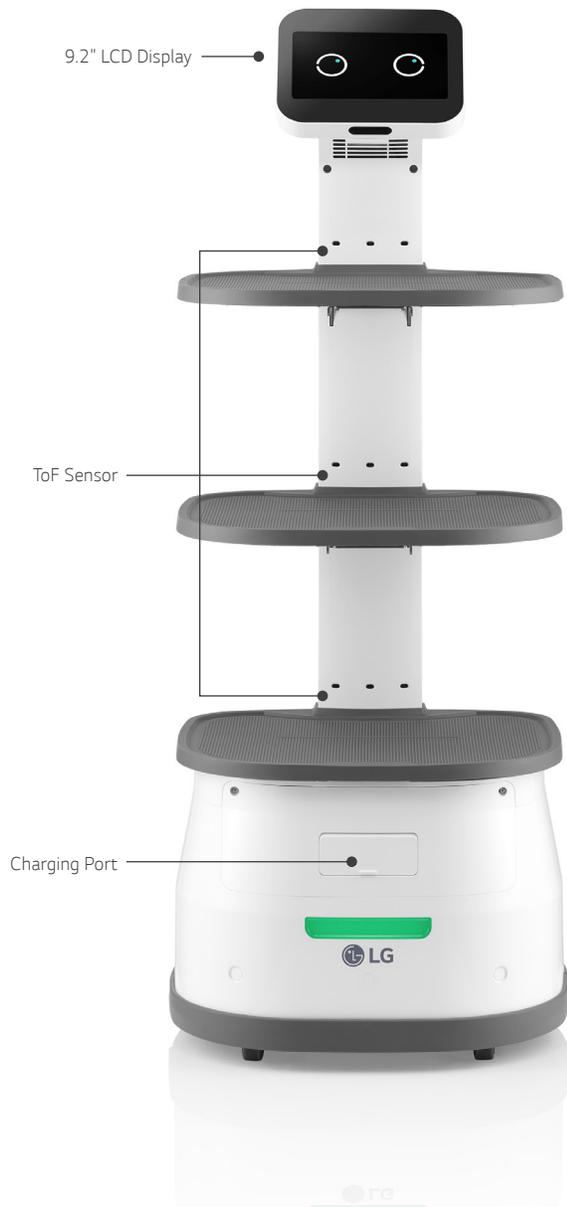
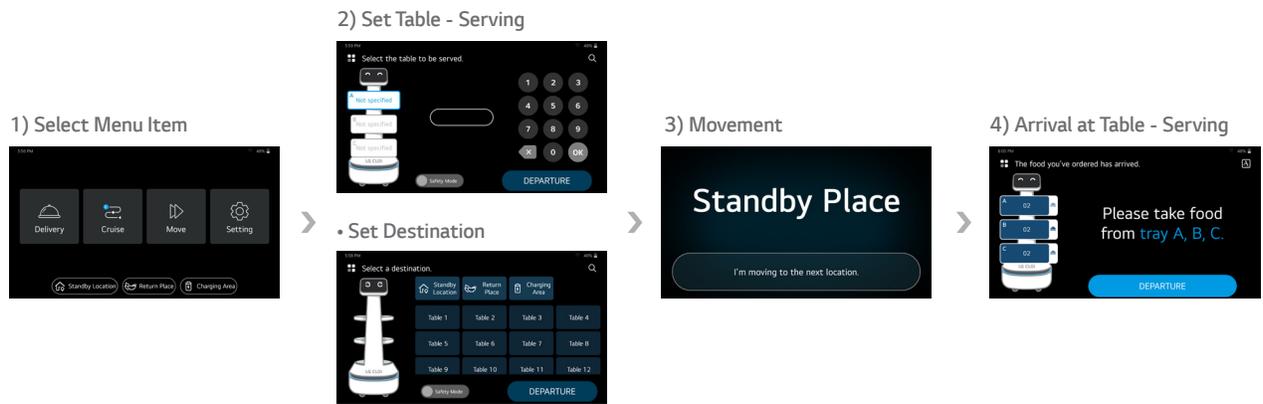




### Communal Spaces

Widely applicable in shared kitchens and communal spaces in various facilities, improving serving efficiency and giving the space more character.







## The Swift and Reliable Serving Specialist

- Autonomous obstacle recognition and avoidance
- Multi-point serving
- Max load: 30kg (10kg per shelf, 3 total)
- Cruise mode support
  - Repeatedly moves to designated locations: can be set directly by user.
- Convenient screen operation

Requires advance mapping of table layout for service area.

Specification	Dimensions (W x H x D)	20.1 x 51.2 x 20.1 in
	Weight	132.3 lbs
	Load capacity	66.14 lbs (each drawer holds up to 22.05 lbs)
	Number of Shelves	3
	Shelf size (W x L)	19.7 x 15.75 in
	Sensor	LiDAR / 3D Camera / ToF / Bumper
	Display	9.2" Touch LCD Display
	Status LED (action / status alert)	RED / BLUE / GREEN
Connectivity	Wi-Fi	
Battery	Capacity	25,000mAh
	Charging time	5 hours
	Continuous operating time	11 hours
	Battery certification	UL2271
	Charging type	Manual
Language	Voice / Display	Korean / English / Spanish / French / Japanese
	Voice Content	Driving, Arrival notification (call / text)
	Voice content phrases / music change	Yes
Autonomous Driving	Driving mode	General mode / Safe mode
	Obstacle recognition	Automatic obstacle recognition
	Obstacle avoidance	Real-time route planning & driving
	Speed (max.)	1.0m/s (adjustable)
	Drive width (min.)	27.6 in
	Surface compability	Marble / Tile / Cement
	Cruise driving path setting	User-configurable
Certification	Safety / Electromagnetic wave	KC
Others	Remote calling app.	Yes
	Automatic detection of food unloading	Yes



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