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SERVICE ROBOT


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SERVICE ROBOT

Service Robots provide labor force gain by freely and precisely serving the products demanded by the customer in service sectors such as restaurants, cafeterias, and hotels, even in limited areas or complex roads with 3D cameras and LIDAR sensors.

USAGE AREAS

HOSPITALS	RESTAURANTS	HOTELS
HOLIDAY RESORTS	RESIDENCES	CAFES
OFFICES	SHOPPING CENTERS	FACTORIES

You can enable it to take orders and serve with the menus you will create from the interface screen or mobile application.

Since it has an easy-to-clean surface, it allows you to provide more hygienic service.

It can serve tea, coffee and food to your staff and guests. It can carry your documents, documents and files between units.

Service robot has an unmanned working principle with a mapping system.

Our robot plans its work according to the current charge/power balance. If it calculates that it cannot finish its task in the area where it will perform autonomous navigation, it first goes to the charging unit and recharges, then continues its task.

You can make instant assignment with wireless control feature.

Can speak the specified sentences aloud (Bon appetit, welcome, etc.).

With the sensors on it, impact protection can be provided even in environments with moving objects.

In enterprises with lean production line, documents, materials and products can be transported to the desired points.

By programming with the autonomous navigation feature, you can make this device navigate and work on its own without hitting obstacles.

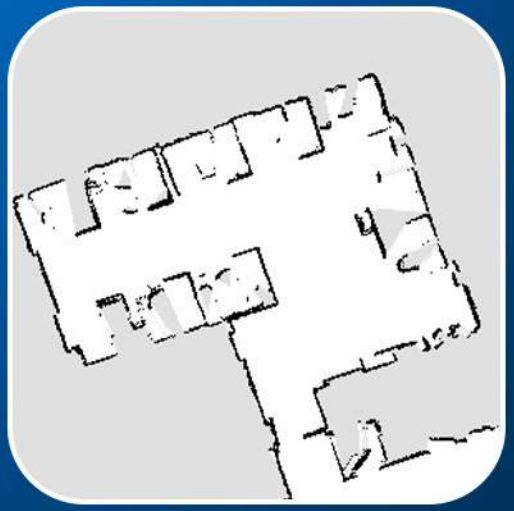
TECHNICAL FEATURES

MAXIMUM SPEED **0,3 m/sn**	WORKING TIME **8 hours**	BATTERY **Lithium Ion**	SCREEN **10.1" Touch screen**
TOTAL WEIGHT **60 kg**	DIMENSIONS **62x47x123 cm**	AUTON. NAVIGATION **Lidar - Stereo Vision**	VOICE COMMAND **100+**
SHELF CARRYING WT **15 kg**	SHELF QUANTITY **3**	AUTON. CHARGING **Available**	WIRELESS CONTROL **Mobile App**


Touch Screen:
It is the screen where the interface prepared in the robot is added and interaction is provided.
Camera - Depth Sensing
Speaker:
The area where audible warnings come from
Emergency Stop Button:
Button that allows switching off with a single button in case of emergency
Tray:
Areas, where the products to be carried, will be placed
Tray LEDs:
Informs the task status in the transport process
Camera: Front camera
Camera: Rear camera
On-Off Button:
Button that starts the device to operate,
USB: Connection apparatus,
Manual Charging Input: Charging input section
Technical Maintenance Cover:
Areas to be intervened by authorized service
Autonomous Charging:
Autonomous charging input section
Bumper:
Protection against impact
Status Lights:
The device gives a green light when turning left and right
Mapping Sensor:
Sensor that scans the environment

AUTONOMOUS NAVIGATION

Service robot, whose autonomous navigation and mapping processes have been completed with the AR-SERVICE application we have developed, has an unmanned working principle. With the sensors on it, it makes deliveries without hitting anywhere even in narrow spaces up to 80 cm in environments with moving objects.



AUTONOMOUS CHARGING

The Autonomous Charging Station is an extension of the battery charger. It allows your robot to charge its battery on its own instead of manually charging it every time you want to charge your robot.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