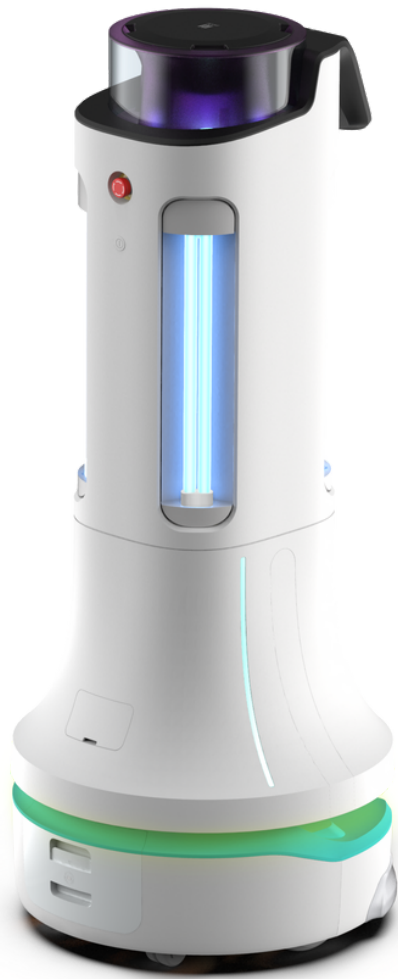


Productor 2

Disinfection
Robot



A SMARTER SOLUTION

What solutions does Puctor2 provide?



- Ultraviolet C disinfection
- No contact operations
- Boil-dry protection
- Dual Solutions : Laser SLAM and Visual SLAM



Boil-day Protection

Liquid level safety detector in the ultrasonic chamber, the atomization would be terminated automatically when the liquid level is lower than the safety level.

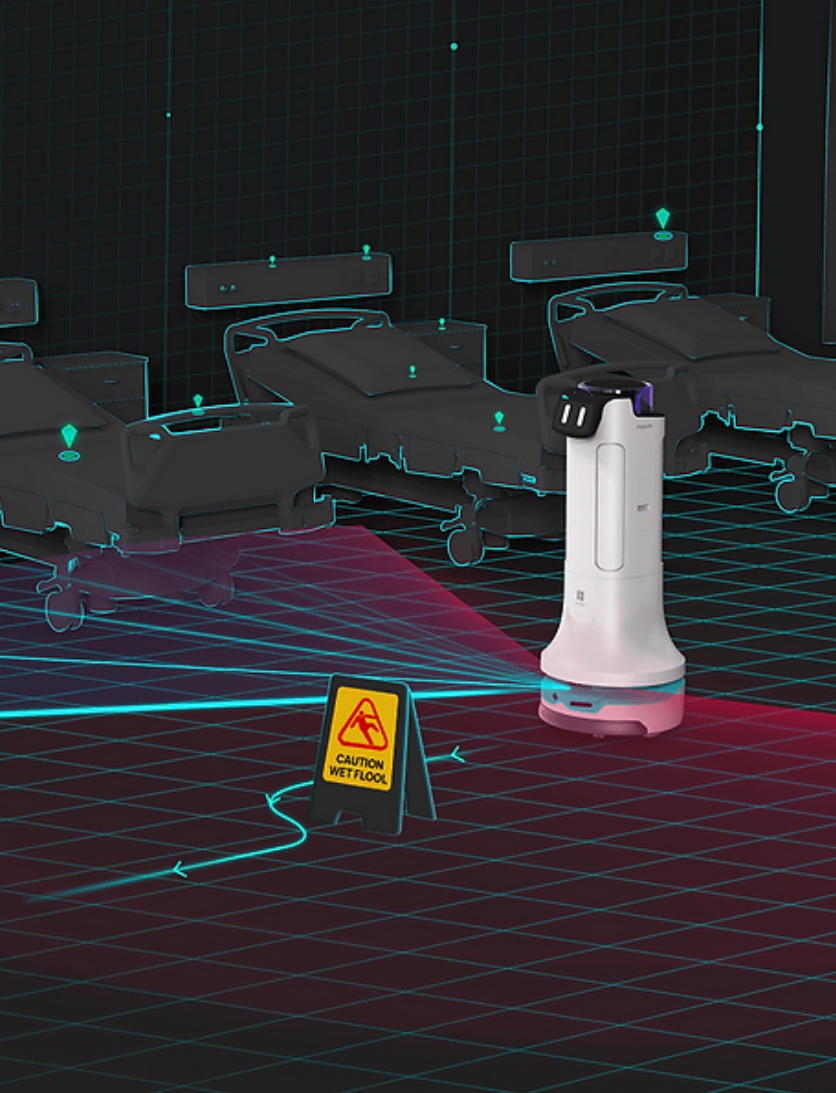


A SMARTER SOLUTION

Automatic Recharging

The total battery capacity is 51.2Ah, for a maximum disinfection time of up to 6h, which can support the disinfection of 12-15 rooms (20m²/room). Puductor 2 is equipped with a docking station. To make sure that the robot is fully charged and ready for the next task, time-saving as it requires no involvement from your staff.





Laser SLAM Self-Driving Solution

- Able to move freely in a 100,000m² space
- Detection range up to 40m
- Real-time positioning error less than 10cm

A SMARTER SOLUTION

Enhanced Patient Safety for Hospital Disinfection

Cross-infection in hospital is a serious topic in the healthcare sector. Millions of patients are exposed to the risk of infections during hospitalization each year and thousands of patients lose their lives.

Puductor 2 is the right choice of hospital robot to solve the above problems.



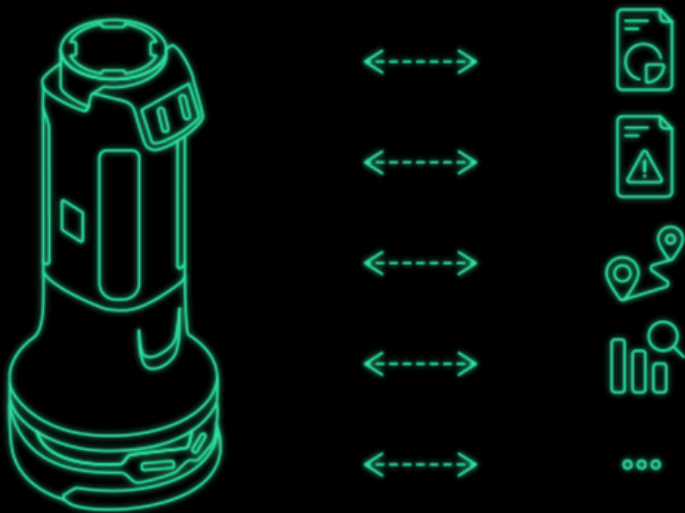
Ultrasonic Dry Mist Disinfection

- 15L huge volume:
- Customers do not need to replenish the disinfectant solution frequently.
- $\leq 10\mu\text{m}$ dry disinfectant particles ensuring full contact with microorganisms.



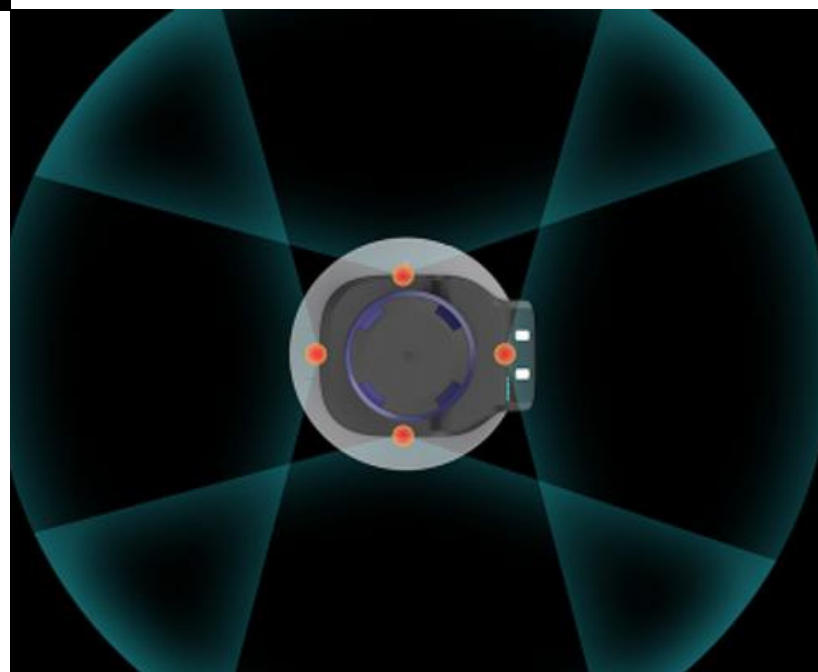
Pudu Management Platform

Remote Access:
remote terminal control of robot operation, task management, and work report printing.



Motion Sensor

Equipped with millimeter wave motion sensor, the robot will shut down the UV lamps and spraying automatically if it detects a person within 3 meters.



Features



2L/H Ultrasonic Dry Mist

Customers do not need to replenish the disinfectant solution frequently.



Automatic Recharging

Puductor 2 automatically provides a voice alert and UL notification when the battery is low, and returns to the docking station simultaneously.



Max 6H Disinfection Time

Nearly 100% coverage as whole room disinfection allows thorough disinfection of difficult-to-reach places.



188 μ W/cm² UV-C Disinfection

$\leq 10\mu$ m dry disinfectant particles ensuring full contact with microorganisms.



Automatic Localization and Navigation System

Accurately detect obstacles, stopping within a reaction time of 0.5 seconds

SPECIFICATION

A SMARTER SOLUTION

Machine Dimension

21.8" x 21.2" x 50.8"

Machine Weight

132.3lb

Battery Capacity

51.2Ah

Reservoir Capacity

15L

Irradiation Intensity at one meter distance

188 μ W/cm² , UV-C(254nm)

Effective Disinfection distance

3 meters

Disinfection Time

Max 6H (Automatic Recharging)

Cruise Speed

0.1-1.2m/s (Adjustable)

Disinfectant Solution

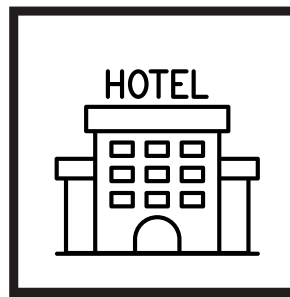
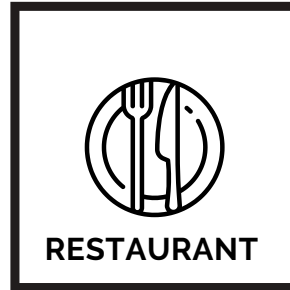
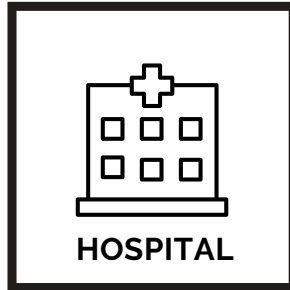
Hydrogen Peroxide(H₂O₂), Hypochlorous Acid(HClO), Chlorine Dioxide(ClO₂), etc.

Working Voltage

24V



The smart serving solution for a wide range of business



**FAST
INSTALLATION**



Quick setup without the need to install separate ceiling markers.

**SLAM
AUTONOMOUS DRIVING**



Built to navigate using the SLAM method that recognizes space with a 3D camera and LIDAR sensor.

Our Showroom

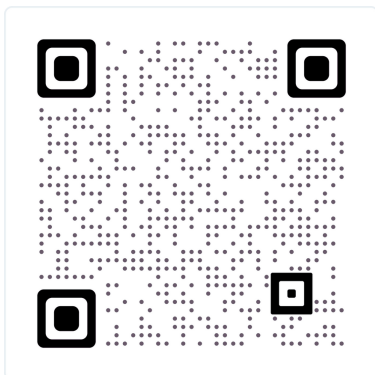


Rutech Inc

📍 3500 S. Morgan St. 2FL, Unit 216
Chicago IL 60609

✉ Admin@RutechUSA.com
Support@RutechUSA.com

🌐 rutechusa.com



A SMARTER SOLUTION