

Usage Scenarios



Hospital



Campus



Government Hall



Public Transportation



Hotel



Bank

Introducing NVCRobotics, where we envision a future in robots driving business efficiency. Experience the power of NVCRobotics as it enhances your customer interactions and effortlessly tackles staffing gaps. With NVCRobotics, you can unlock a new level of customer service and efficiency in the space of your desire. These cutting-edge robots are designed to seamlessly navigate crowded spaces, serving your needs with precision and grace. Our cutting-edge serving robot solution is meticulously crafted to maximize operational efficiency and streamline workflow. Embrace the trend toward automation and efficiency by joining NVCRobotics. Allow us to demonstrate how our robotic solutions can propel your business to thrive in today's dynamic world and prepare to redefine excellence in hospitality with our game-changing NVC Robotics.


NVC Robotics USA | Premium Authorized Distributor For Pudu Robotics

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Languages we speak

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(10:00 am - 04:00 pm EST)

 PUDU

Puductor 2
Disinfection Robot



Feature

-  2L/H Ultrasonic Dry Mist Disinfection
-  360° Sterilization
-  188μW/cm² UV-C Disinfection*
-  15L Reservoir Capacity
-  Max 6H Disinfection Time
-  Boil-dry Protection and Low-level Warning
-  Automatic Recharging
-  Automatic Localization and Navigation System

*At a temperature of 24.6°C and a humidity of 57%.

Machine Dimension	544x538x1290mm
Machine Weight	60kg
Battery Capacity	51.2Ah
Reservoir Capacity	15L
Motion Sensor	Yes
Irradiation Intensity at 1 meter distance	188 μW/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(H ₂ O ₂), Hypochlorous Acid(HClO), Chlorine Dioxide(ClO ₂), etc.
Max Climbing Angle	5°



Long Battery Life

Max 6 Hour Disinfection Time
The total battery capacity can support the disinfection of 12-15 rooms (20㎡/room).

Automatic Recharging
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.



UV-C Disinfection

Strong Illuminance
360° sterilization
99.99% disinfection rate
4×188μW/cm² ozone-free UV-C lamps

Intelligent Protection
Enclosed cabin with motorized interlocking mechanism, providing protection to the lamp while not operating



Laser SLAM Self-Driving Solution

3D Obstacle Avoidance
Accurately detect obstacles, stopping within a reaction of 0.5 seconds



Ultrasonic Dry Mist Disinfection

Powerful Spray
Thorough disinfection
Max automation rate: 2L/H
15L solution capacity. Customers do not need to replenish the disinfectant solution frequently

Multi-Safety Protection
Boil-dry protection
Low-level warning



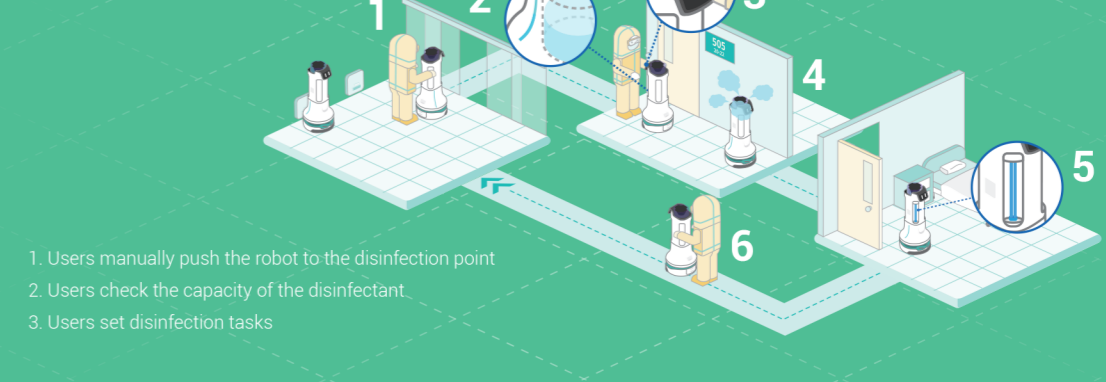
Automatic Mode



1. Users check the capacity of the disinfectant
2. Users set disinfection tasks: Cruise Mode\Fixed-point Mode

3. It automatically reaches the initial point of work
4. It begins to count down and notifies people to stay away from the disinfection areas
5. It completes the task as programmed or users terminate the task remotely
6. It automatically returns to the charging dock

Quick Mode



1. Users manually push the robot to the disinfection point
2. Users check the capacity of the disinfectant
3. Users set disinfection tasks

4. It begins to count down and notifies people to stay away from the disinfection areas
5. It completes the task as programmed or users terminate the task remotely
6. It automatically returns to the charging dock