DEEPBLUE AI SWEEPER
-RHINO

*DeepBlue Technology reserves the right of final interpretation of all products. All pictures shown are for illustration purposes only. Actual products may vary due to product enhancement.
DeepBlue Sweeper Robot - Rhino is the perfect solution for cleaning outdoor areas. It is designed for various ground textures including cement, asphalt, epoxy, rubber, brick, rough stone, etc. It supports several working modes based on different requirements, such as patrol cleaning mode, cycling cleaning mode, etc. It is also equipped with an intelligent network that provides features such as edge-to-edge sweeping, and automatic returning. It can be widely used in industrial parks, parks, campuses, squares, tourist sites, and other outdoor applications.

The 130L capacity dust bag and 105Ah battery ensure efficient and continuous operation. It is also equipped with sensors including dual-mode RTK/GPS, multi-wire LiDAR, planar LiDAR, inertial navigation unit, car monocular, four-channel circumferential fisheye cameras, multiple sets of ultrasonic radar, etc. It adopts multi-sensor fusion SLAM technology, intelligent detection & decision-making, visual recognition, real-time route planning, and other self-developed technologies to achieve accurate localization and navigation for different applications.

Rhino is stable, convenient, and easy to use. Users can preset the cleaning routes for it to start operating without human intervention as soon as the power is on. With the help of Rhino, the intelligentization level of the cleaning industry is improved, and operational costs are greatly reduced.

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PRODUCT FEATURES

- **130L Dust Bag**
  Large volume dust bag to ensure continuous and efficient operation.

- **Anywhere and Anytime**
  Remote control, scheduled tasks

- **6000m²/h**
  High sweeping efficiency and effectiveness

- **Autonomous Obstacle Avoidance**
  Autonomous obstacle avoidance and object detection in order to achieve real-time path planning

- **Active Protection**
  Onsite + Cloud monitoring to provide all-around protection

- **Multi-sensor Fusion Technology**
  Self-developed SLAM solution providing the accurate localization and navigation for different applications

- **Intelligent Operation and Maintenance**
  Smart APP system providing constant maintenance

- **UI Interaction**
  User-friendly interface, easy to operate

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APPLICABLE GROUND

- Granite
- Asphalt
- Cement
- Epoxy Floor
- Plastic Runway
- Small Square Tiles
- Small Stones
- Square Brick
- Pebbles
PRODUCT PARAMETERS

<table>
<thead>
<tr>
<th>Model</th>
<th>DB_OBXNR_V10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension(LWH)</td>
<td>1790x1330x1370mm</td>
</tr>
<tr>
<td>Cleaning width</td>
<td>1300mm</td>
</tr>
<tr>
<td>Working efficiency</td>
<td>6000㎡/h</td>
</tr>
<tr>
<td>Battery</td>
<td>48V/100Ah</td>
</tr>
<tr>
<td>Charging time</td>
<td>4h</td>
</tr>
</tbody>
</table>

- Climbing ability: 20%
- Dust bag volume: 130L
- Water tank volume: 25L
- Overall weight: 560kg
- Full battery life: 4h
- Max. operating speed: 5km/h

APPLICABLE SCENES

Enclosed or semi–enclosed areas and road scenes such as commercial streets, airports, docks, factories, parks, campuses, large parks and squares.
### After-Sales Service Policy

- **OTA Upgrade for efficiency improvement**
- **Cloud Analysis**
- **7*24h On-call**
- **Tailor-made**
- **Comprehensive support**
- **Operator assistance**
- **Abnormal detection and safety warning**
- **Detailed product guide & operation training**
- **Provide regular feedback to improve user experience**

### Product Life-Cycle Management

- **Online Upgrade**
- **Online Monitoring**
- **Training Program**

Through intelligent cloud platform management, the monitoring, maintenance, and automated processes, etc. of the devices are simplified. Help the cleaning industry to solve the life cycle management of intelligent devices, reduce the cost of use, and improve the profits of the industry.
DeepBlue Technology

Dedicated to AI Fundamental Research and Application Development

Founded in 2014, DeepBlue Technology has grown into a world-class, international enterprise in four major AI verticals: Intelligent Industry, Intelligent Agriculture, Intelligent Urbanization, and Intelligent Bio-security. In line with "Serving Humanity with AI", DeepBlue has embarked on fundamental R&D and product development within these verticals, such as computer vision and various biological and cognitive AI technologies. DeepBlue’s work is highly recognised within the industry, having won over 40 different top-tier international competitions such as the PAKDD Cup, the IEEE ISI Cup, and challenges such as CVPR, ICCV, ECCV, ACL, NAACL, KDD, NeurIPS, and AAAI. Moreover, the company was awarded by the Ministry of Industry and Information Technology with the title of "little giant enterprise" for its professionalization, delicacy, specificity, and novelty.

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