

OBINT

Born to be smart Clean floors thoroughly

Robint Compact Commercial Floor Cleaning Robot



Designed for commercial scenarios

A whole new generation of unmanned intelligent floor cleaning robot

A perfect choice for indoor public places such as hotels, apartments, office buildings, commercial complexes, etc.



Four functions in one robot, including sweeping, scrubbing, pushing and vacuuming

Directly address the pain points of soft and hard floor cleaning



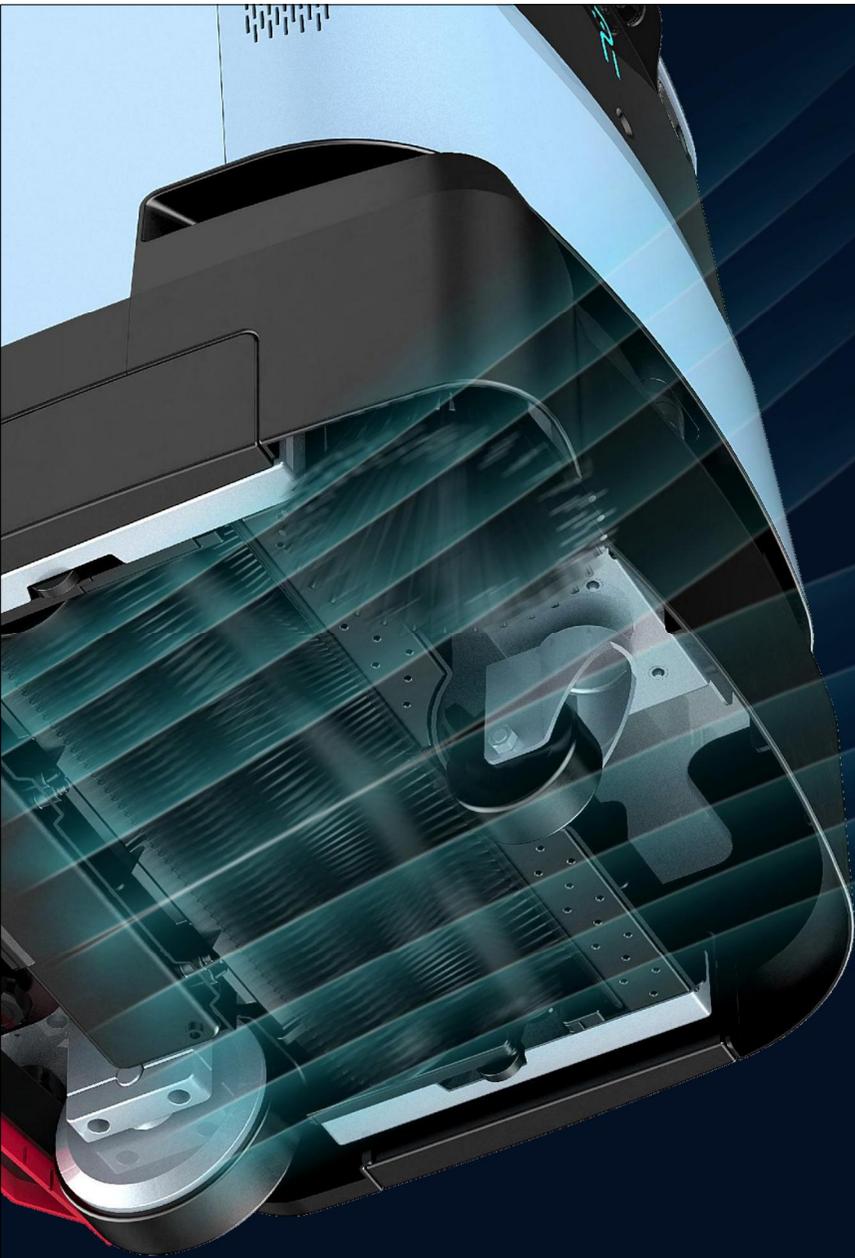
Carpet Deep Cleaning

Cleaning deeply
Powerful vacuuming and cleaning



Agile and efficient

Perform "Zero" -wall-spacing cleaning
Nail all dead ends



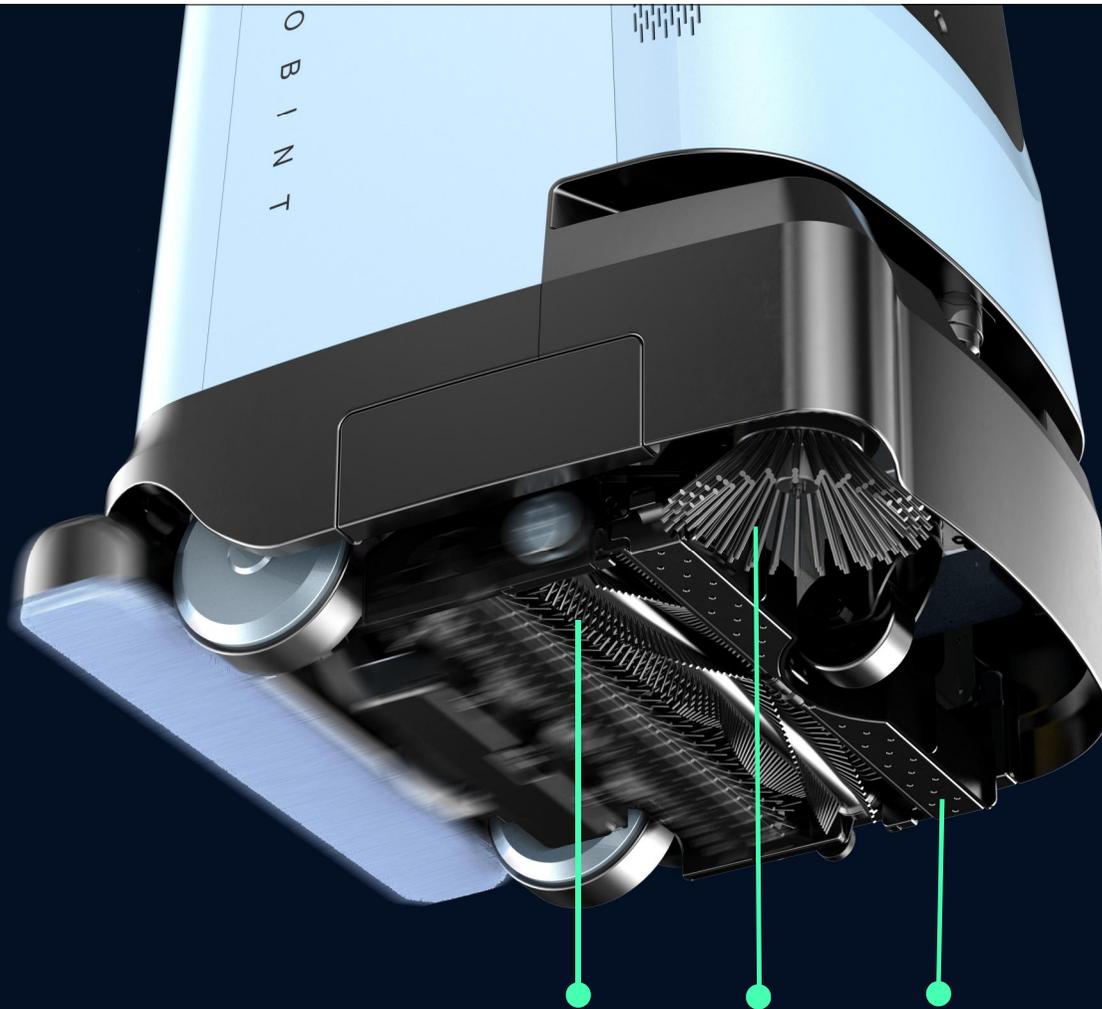
Integrating the functions of sweeping, scrubbing, pushing, and vacuuming into one robot to fulfill multi-dimensional and professional cleaning

Intelligently switching between sweeping, scrubbing,
dust pushing, and vacuuming;

Calmly dealing with various solid and liquid garbage, such as dust, soil,
scraps and debris, residues and stains of beverages and desserts, etc.

Integrating cleaning power with convenience.

Powerful cleaning, no floor damage.



Sweep
brush

Edge
brush

Dust
box

Sweeping

Clean all corners

Edge
brush

Sweep
brush

The edge brush cleans the Corner and brings the garbage to the bottom center of the machine. The brush rolls the garbage into the dust box.

Scrubbing

Clean liquid litter/stubborn stain

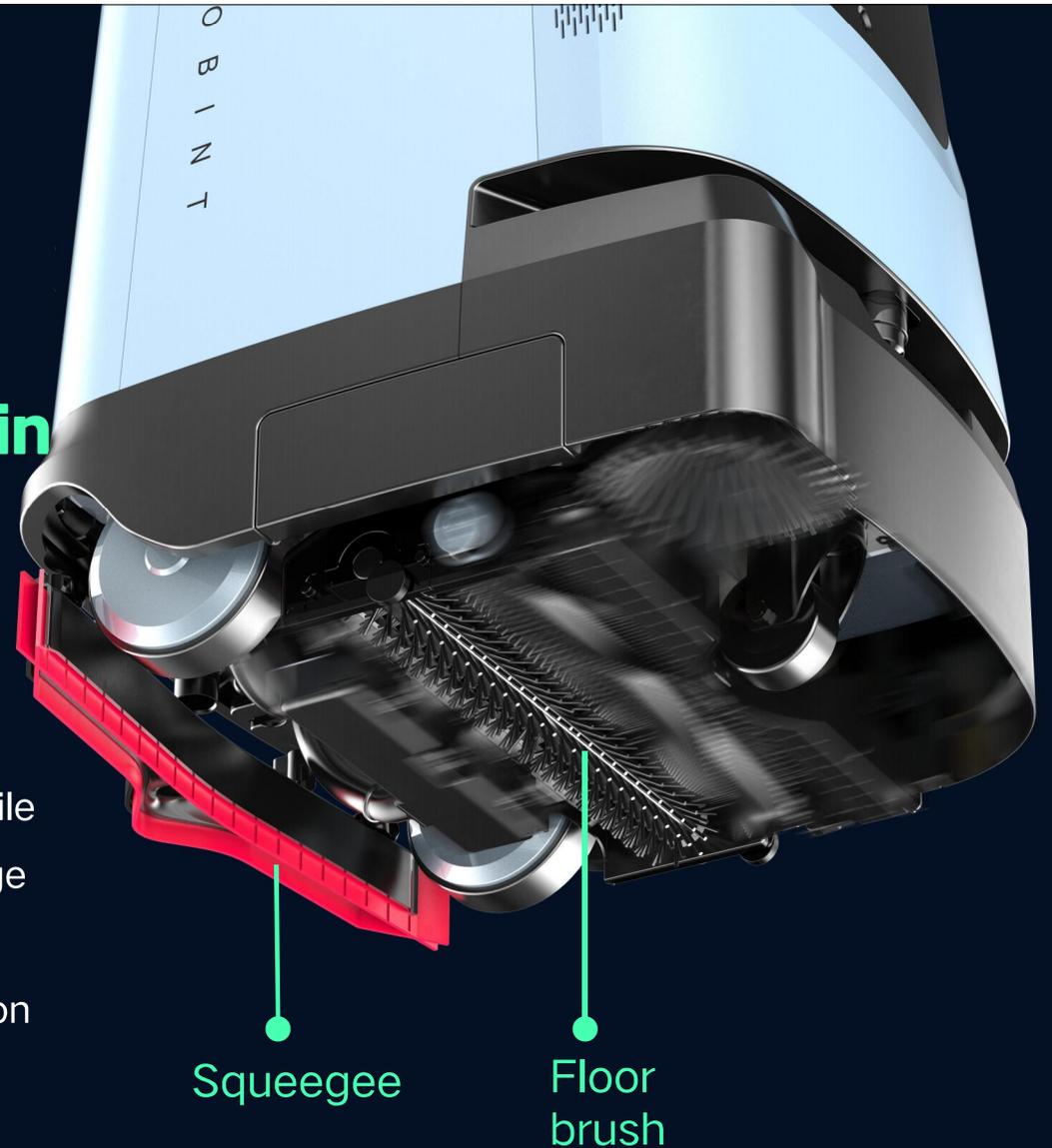
Floor brush

Squeegee

The clean water pipe sprays clean water to the ground while the roller brush cleans it. Sewage is sucked into the sewage tank by the squeegee.

Garbage is filtered in the sewage tank. Large pieces stay on the filter screen for easy cleaning.

The sewage tank and clean water tank dock with the workstation for automatic water filling/draining.

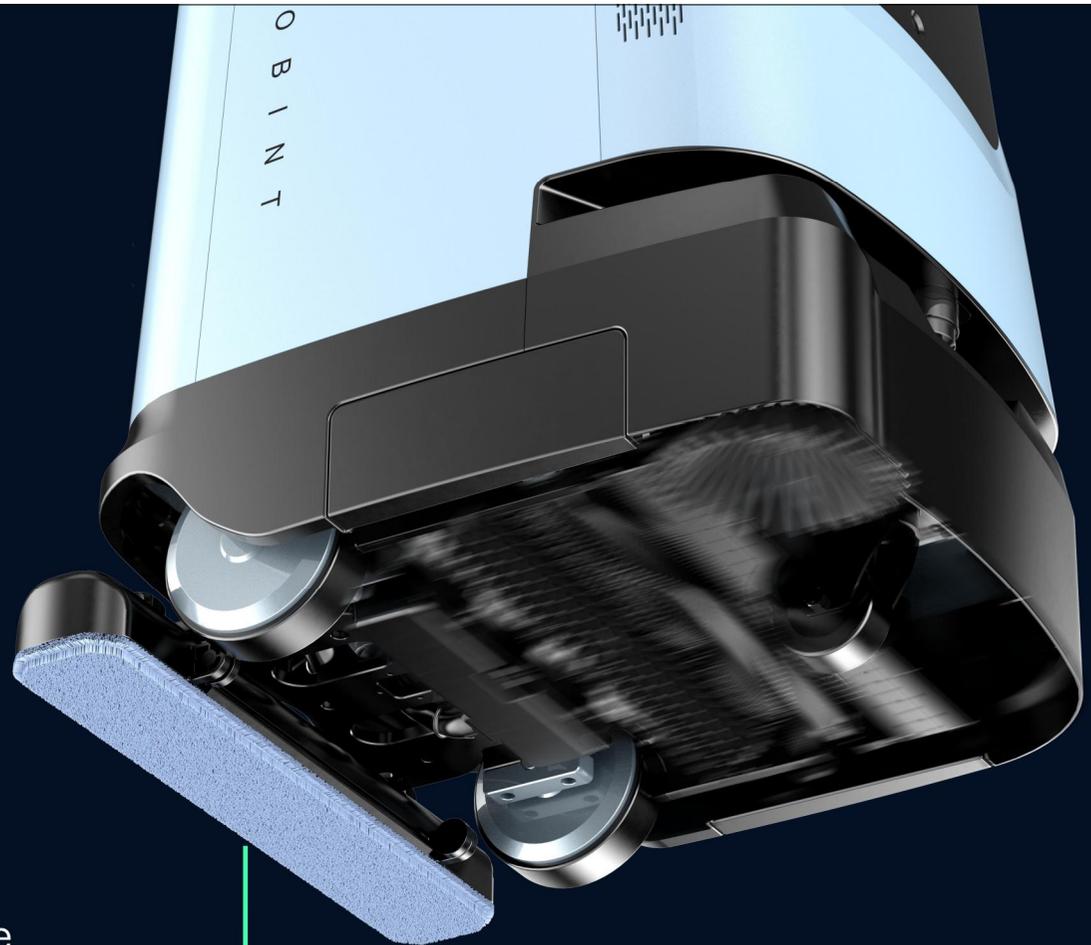


Dust Pushing

Quiet and gentle

Dust pusher

Put down the dust pusher, wipe the floor, clean the floating dust. When the robot reaches the end of the area, the suction fan is turned on to dust up into the sewage tank.



Dust
pusher

Vacuuming

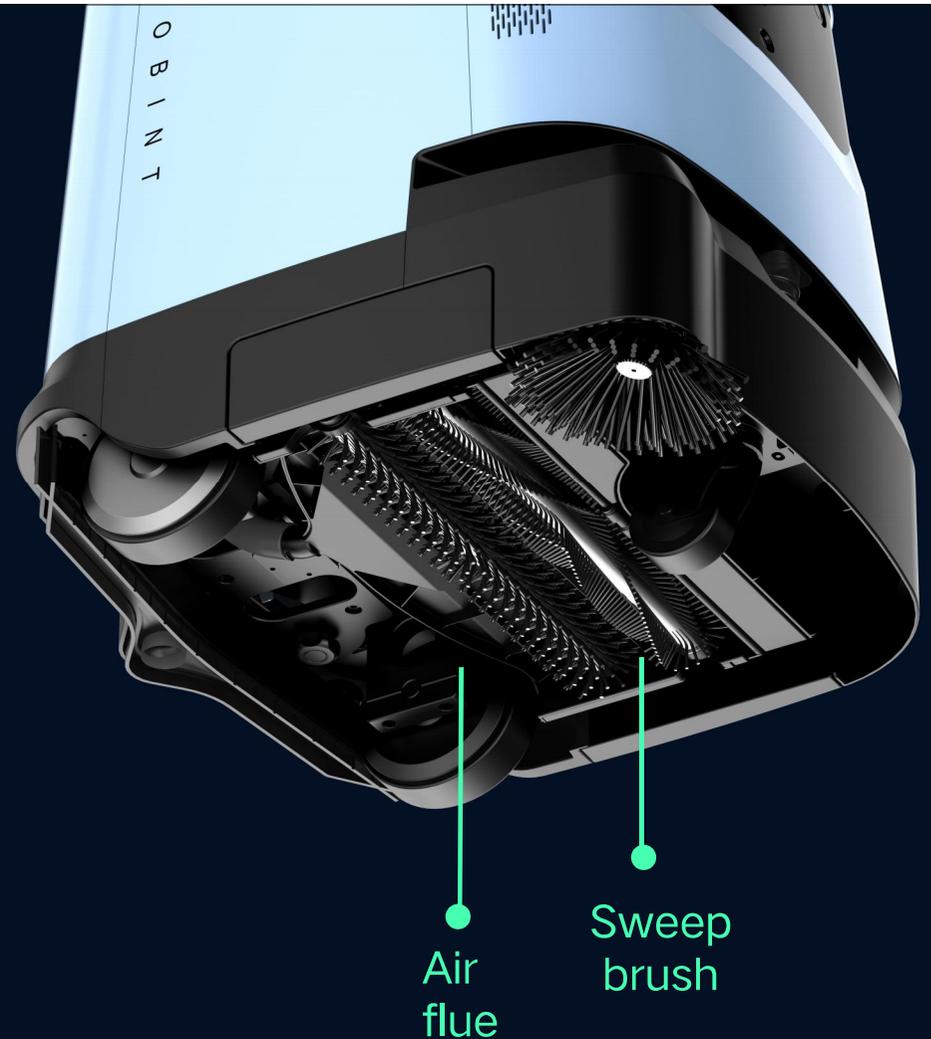
Deep clean carpet

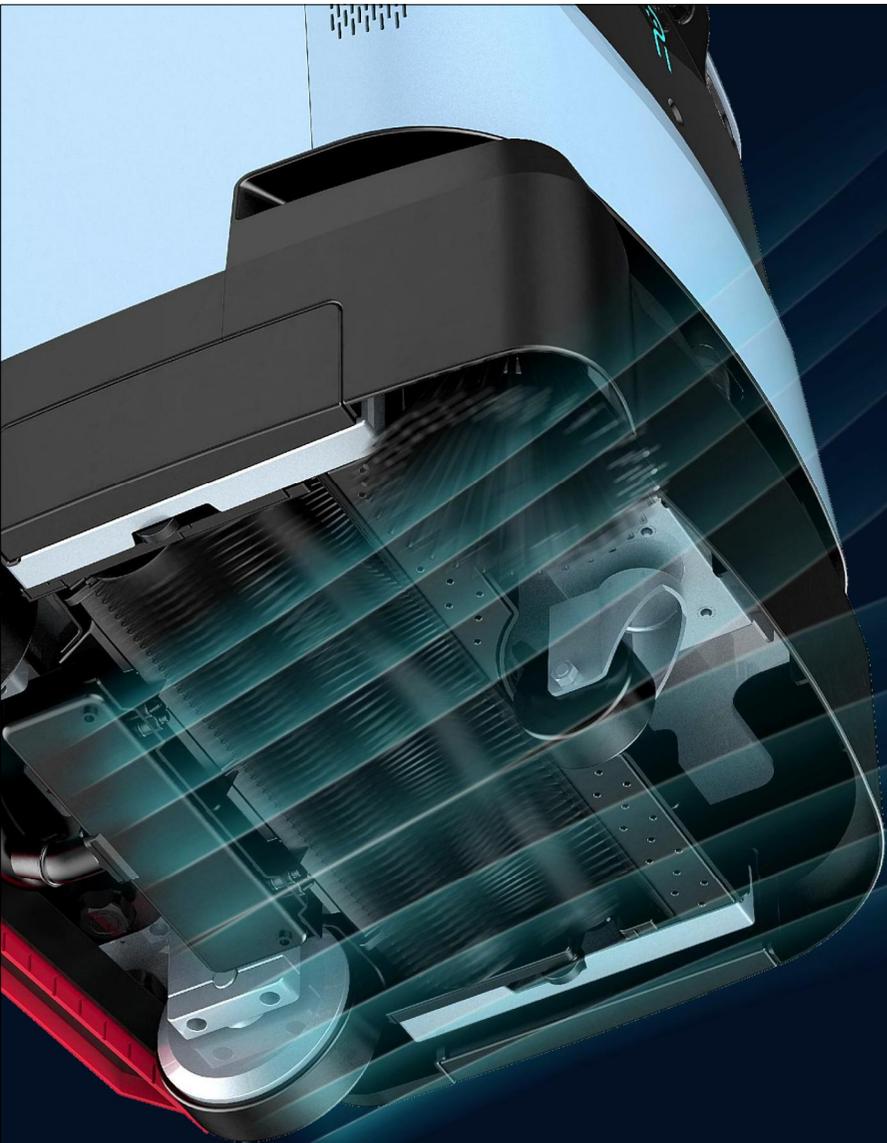
Sweep brush

The roller cloth and brush the garbage from the ground by turning it in reverse.

The two types of garbage are separated by a partition, and large pieces of garbage go into the dust box.

The suction generated by the air suction motor draws particles, dust, and dander through the air suction pipe to the sewage tank.





Cleaning Efficiency

(Lab Data, Simulate Loop-Shaped Field)

| Mode | Efficiency | Endurance |
|--------------|----------------------|-----------|
| Sweeping | 610m ² /h | 5H |
| Vacuuming | 610m ² /h | 4H |
| Scrubbing | 576m ² /h | 2.5H |
| Dust Pushing | 610m ² /h | 12H |



"Zero" wall spacing cleaning, nail all corners.

With our self-developed core algorithm, the robot realizes extreme "zero centimeter" spacing to walls, a small turning radius, powerful escape capability, and can travel in narrow spaces such as elevators, turnstiles, aisles, between desks, etc., which greatly expands its cleaning coverage and makes it stand out from similar commercial products.

Fully unmanned, creating a fresh experience for commercial cleaning



Self-cleaning



Autonomous water loading and unloading



Continue cleaning from the last stop or for missing spots



Intelligent patrol cleaning



"Zero" wall spacing cleaning



Autonomous recharging



Autonomous navigation



Autonomous elevator riding



Intelligent IoT



Multi-robot cooperation

Unique self-cleaning function

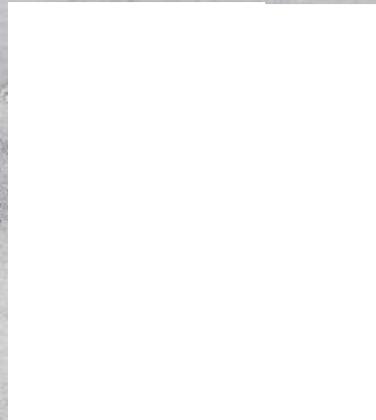
With a workstation, the robot can easily self-clean the dust pusher pads and drain the sewage tank without human intervention, which completely frees your hands.

- After cleaning the floor, the robot will self-clean its interior to prevent the sewage tank from being smelly.



Continue cleaning from the last stop or for missing spots, intelligently plan routes

- When the power is low, the robot will autonomously return to the base station for charging. After charging, it will go back to the designated place to continue cleaning.
- If the robot temporarily encounters obstacles, it will first autonomously avoid them and go back to clean these missing parts after finishing the cleaning work at other locations.



Multi-Port Control, Intelligent Management

You can assign cleaning tasks for designated spots at fixed times to the robot through its screen, the cloud platform, or the app.



Robot
remote
monitoring



Upload
cleaning data
in real time



Autonomously
generate visualized
data reports

Agile and efficient, easy to use in commercial scenarios

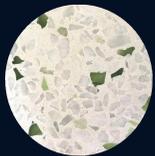
Whether it's a hard floor or a soft carpet, there is no problem for the robot in realizing daily dust removal or deep cleaning.

Application Scenarios | Hotels, Apartments, Office buildings, Exhibition halls, Banks, Supermarkets, Schools

Applicable floor | Both hard and soft floors



Marble



Terrazzo



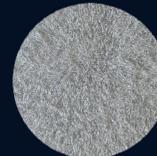
Tiles



Epoxy



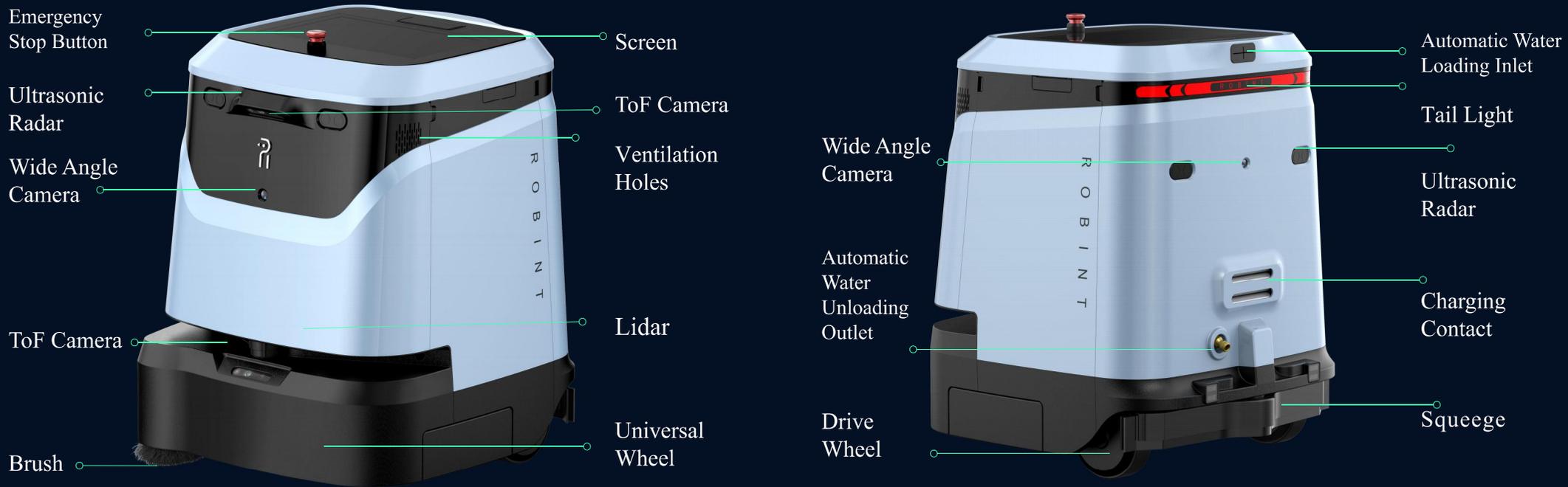
Cement ground



Carpet



Product Structure



Product Parameters

| | | | |
|-----------------------------------|---|------------------------|---|
| Robot body size (L*W*H) | 595mm*540mm*715mm | Weight | 50kg |
| Clean water/sewage tank volume | 17L/14L | Battery capacity | 24V 40Ah, powerful lithium battery with a total capacity of 960 Wh |
| Cleaning mode | sweeping, scrubbing, pushing, vacuuming and mopping | Cleaning efficiency | 0~1440m²/h, 576m²/h as default |
| Minimum wall spacing | 0cm | Travel speed | 0~1 m/s , 0.4 m/s as default |
| Battery life | 2.5h (scrubbing) ,5h (sweeping/vacuuming /mopping) ,12h (dust pushing) | Noise | ≤ 70db |
| Cleaning width | sweeping/scrubbing/vacuuming: 400 mm; dust pushing: 500mm | Interactive mode | screen control |