



PUDU CC1

Clean & Clever, Four-in-1

Global Leading Robotics Company





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Product Overview



Machine Dimension	663*626*667mm
Machine weight	75kg
Sweeping Width	500mm
Scrubbing Width	400mm
Water Tank Capacity	Clean Water Tank 15L Waste Water Tank 15L
Charging Time	< 3h
Run-time	Max 8h
Cleaning Efficiency	700-1000m ² /h
Cleaning Operating Noise	< 70dB
Cruise Speed	Max 1.2m/s
Local Interaction	10.1-inch touch screen
Positioning Method	Visual + Laser Positioning

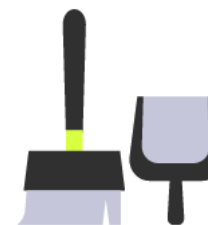


Versatile Cleaning

multi-functional, dedicated to a better productivity

Function Highlights:

- Sets sweeping, scrubbing, vacuuming and dust-mopping multi-function in one.
- Four cleaning modes:
 1. Standard Sweeping Mode
 2. Scrubbing Mode
 3. Carpet Vacuuming Mode
 4. Silent Mopping Mode



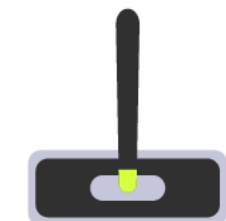
Sweeping



Scrubbing



Vacuuming



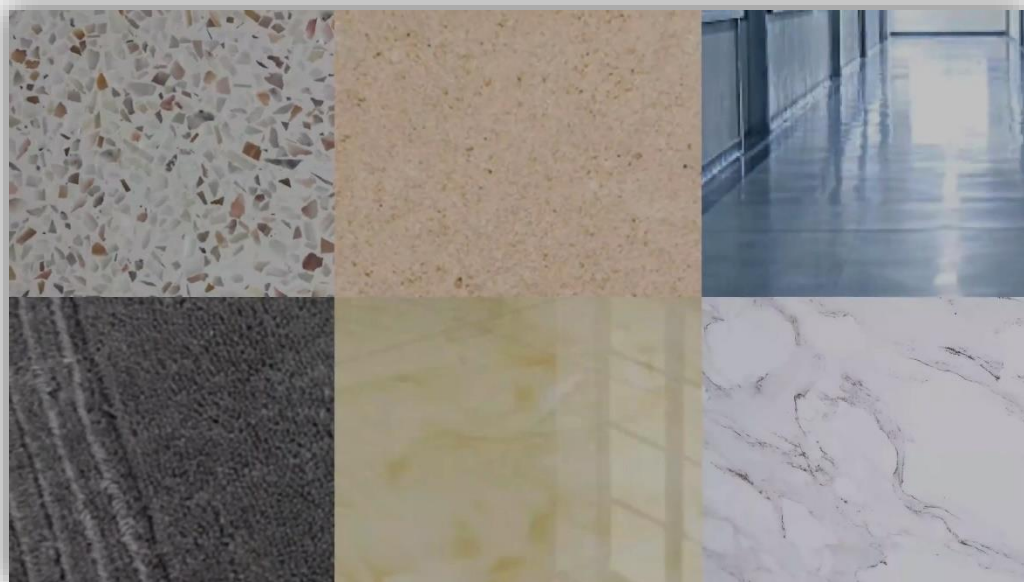
Dust Mopping



Suit Various Floor Types

effortlessly adapts to different surfaces

Function Highlights:



- Suitable for indoor floors with **different materials and hardness**:
- **Hard floor**: Terrazzo, marble, floor tile, epoxy resin, sandstone, artificial stone flooring, etc.
- **Soft floor**: Low-pile carpet



Ultimate Edge Cleaning

ensure thorough coverage and leave no spot untouched



Function Highlights:

- **Ultimate edge cleaning** in certain scenes with side brushes. It performs edge sweeping well with no trash left behind.



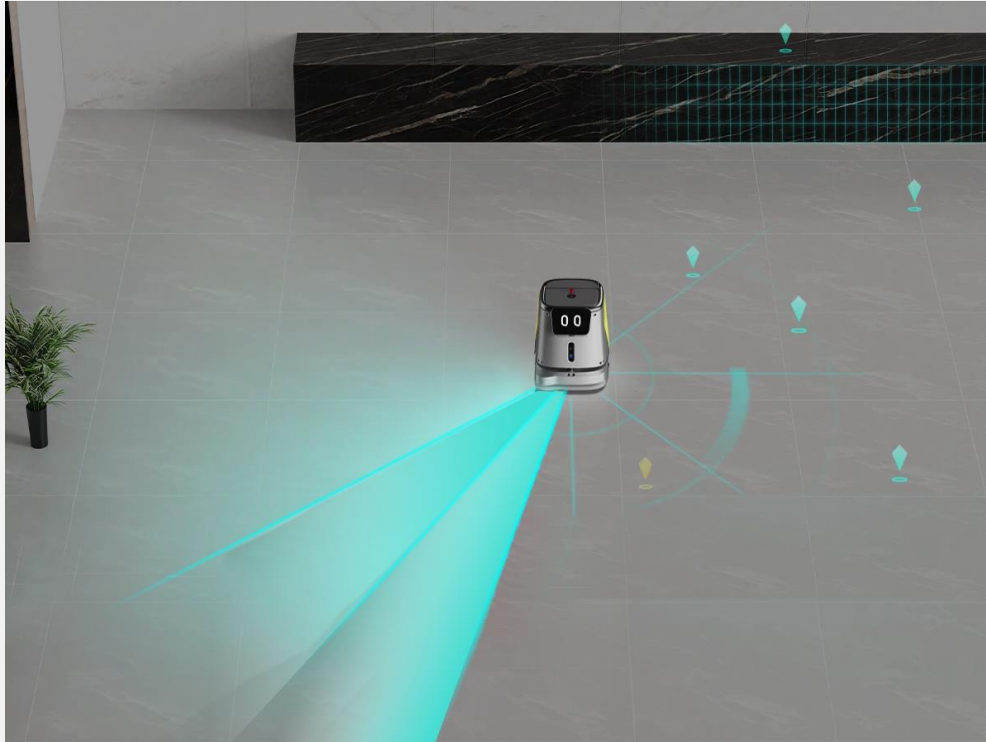
Safe and Secure Operation

Multi-fusion sensors

Equipped with **Multi-fusion sensors**, it can stop at any angle and move away as soon as it encounters obstacles.



Automatic Localization & Navigation



Function Highlights:

- Based on PUDU SLAM positioning system, CC1 supports both **Visual SLAM** and **Laser SLAM** positioning and navigation solutions to perform tasks more efficiently in complex scenarios.
- Equipped with **Multi-fusion sensors**, it can stop at any angle and move away as soon as it encounters obstacles.

Auto Power Charging

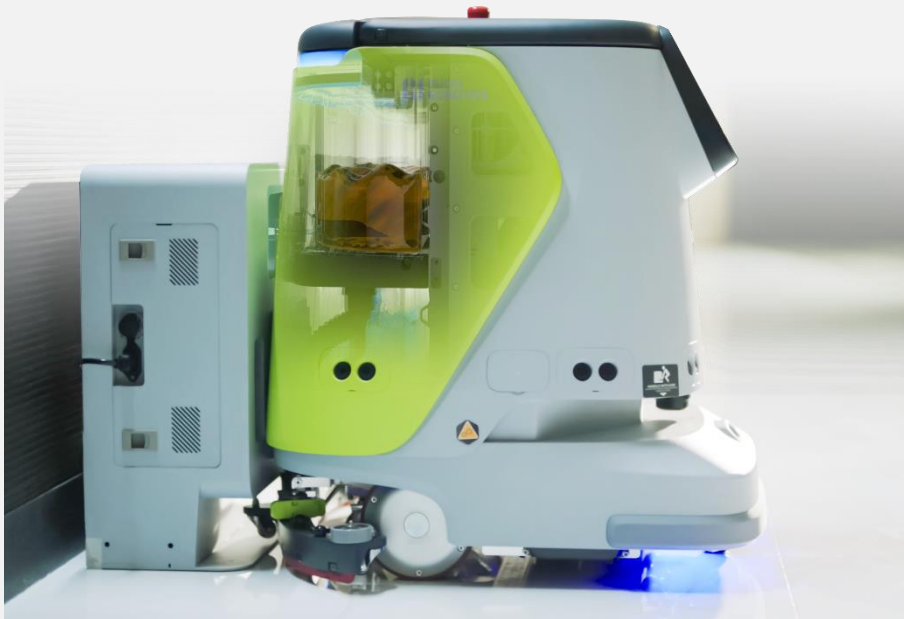


Function Highlights:

- **The robot will automatically return to the charging station** when the power is low.

Auto Water Refill & Discharge

Function Highlights:



- **Large Capacity: 15L clean water tank and 15L waste water tank** with an exclusive workstation
- **Automatically refill the water and power charging** at the **workstation**
- No manual intervention, worry-free and labor-saving



Modular Design

Rapid Deployment, Flexible Extension, Easy Maintenance, Easy Accessibility

Function Highlights:

One machine with multiple functions, quick disassembly of components, one click to switch

modular design of cleaning components, the module can be assembled and disassembled in **1 minute**.

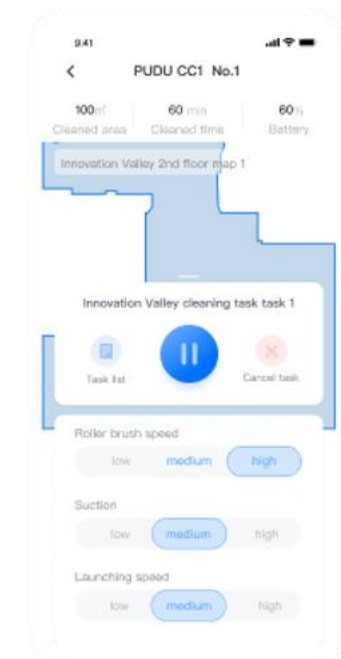
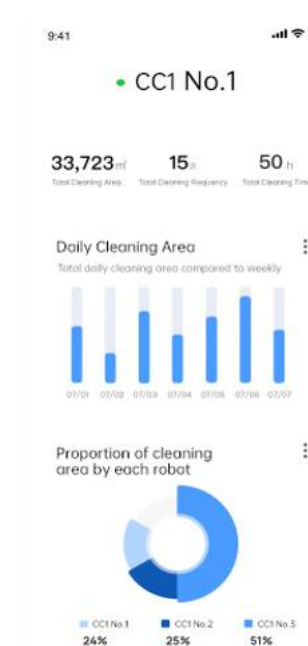
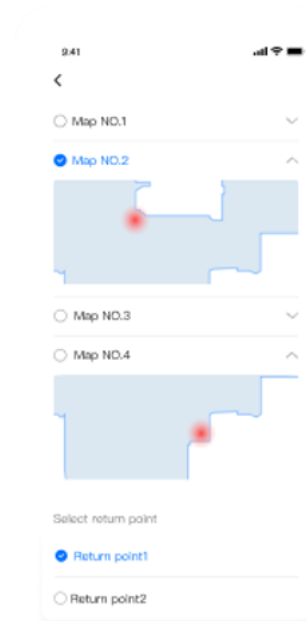
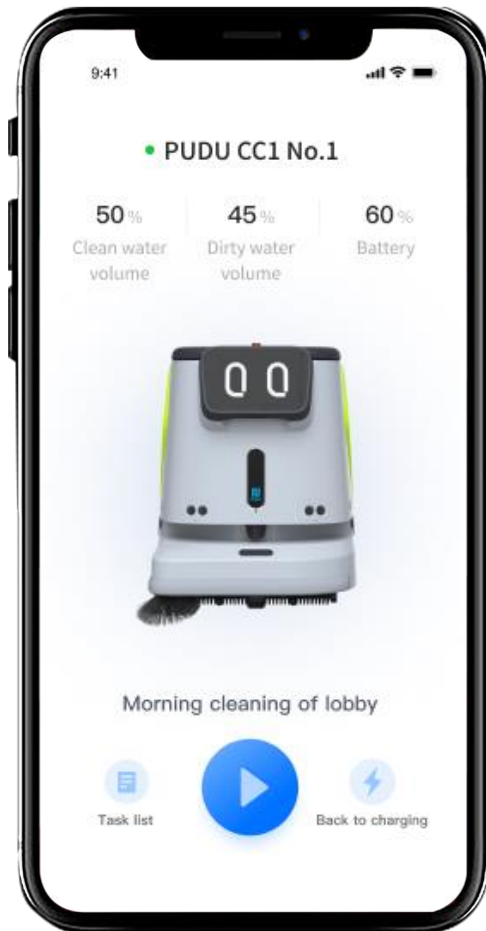
Simplify the Cleaning Process





Robot-System Interaction

PUDU cleaning App



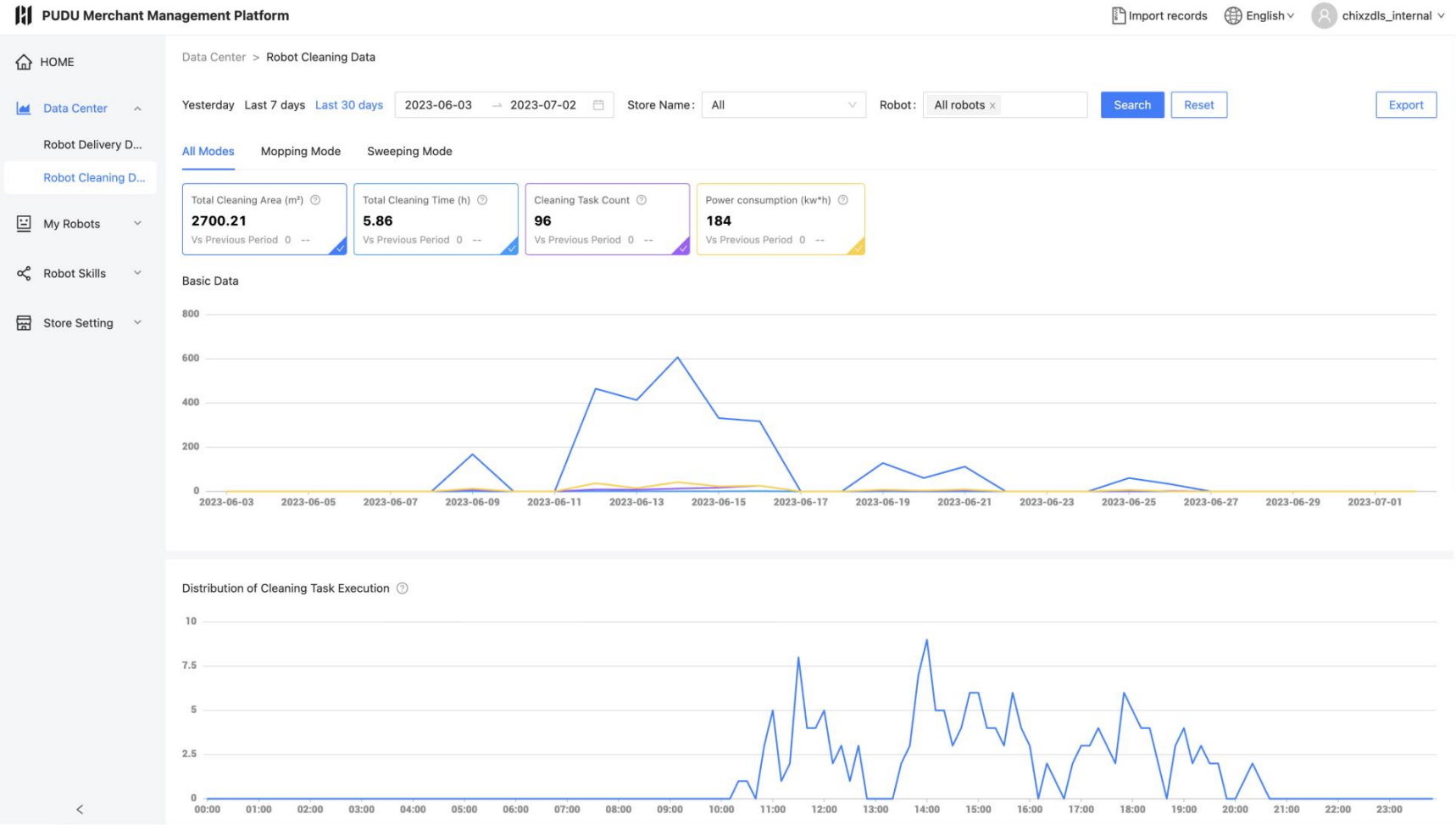
Function Highlights:

- **Remote operation via APP**, work status can be checked at any time.
- **Get real-time notifications for cleaning performance**, such as cleaning time and cleaning area.



Robot-System Interaction

PUDU Management Platform



Function Highlights:

Digitization and visualization of cleaning effects: collect and summarize the working status of each unit, and automatically generate cleaning reports.



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PUDU CC1

Intelligent Commercial Cleaning Robot

- Enhances cleaning efficiency and public image
- Improve cost effectiveness and cleaning quality
- Reallocates custodial efforts to higher-value tasks
- Provides detailed reports for a measurable clean





- **Simplify your cleaning processes and improve your workflow:** pre-set program enables CC1 to start operating automatically and immediately
- Stable cleaning efficiency and **higher quality of cleaning**



- Reduce risks of workforce challenges, such as employee absenteeism and turnover
- Redeploy labor: **Employees can focus on more complex responsibilities**, ensuring more productivity.



- **Lower** recruitment, training and management **costs:** simple operation and user-friendly interface, set up and use in hours with minimal training



- With **measurable records and reports**, custodial inspections can be easily dealt with, and work status can be optimized.



The Cleaning Requirements from Customers

Less manual intervention, automation, and worry-free

5:00 AM

The robots **start the scheduled cleaning tasks automatically.**

5:30 or 6:30 AM

Robot 2-X: **Complete corridors cleaning** on different floors, and **send cleaning reports** to cleaning supervisor.

1:00 PM

Repeat the morning cleaning tasks and perform the **second cleaning task** on different floors.

5:30 AM

Robot 1: Completes **scrubbing the hall.**

7:30 AM

Finish morning cleaning tasks and the robots **automatically return to the workstations** for **water refilling** or **recharging.**

7:00 PM

Repeat the morning cleaning tasks and perform the **third cleaning task** on different floors.



Daily Cleaning Procedure



Usage Scenarios



Office Building



Education



Retail



Food & Beverage



Public Transportation



Health Care



Manufacturing



Hospitality



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Pudu Robotics

Shenzhen-based and founded in 2016, Pudu Robotics is a world-leading tech-focused enterprise dedicated to the design, R&D, production and sales of commercial service robots on a mission to use robots to improve the efficiency of human production and living.

Since its inception, Pudu Robotics has heavily invested in R&D, obtained multiple awards such as Red Dot and applied hundreds of core patents to lead the development of the robotics category and provide high technology products that would appeal to targeted markets. Pudu Robotics has been rapidly growing in recent years to become a "leader" in the global markets with coverage of over 60 countries worldwide. The robots are widely applied in restaurants, hospitals, schools, office buildings, government halls, subway stations, waiting rooms, etc.

Sales Network

Pudu Robotics is exploring the global markets rapidly and currently with the coverage of over 60 countries and 600 cities worldwide. We are on the way to explore and deliver more to the future!



Culture



THINKING IN THE LIGHT
OF FIRST PRINCIPLES



BE INVENTIVE



BE ENTERPRISING &
ACCOUNTABLE



BE OPEN-UP



MOVING FAST



BE CUSTOMER
CENTRIC



EMBRACING
CHANGES



PURSUE FOR
THE ULTIMATE

A dark gray world map with light blue outlines of continents and countries, serving as a background for the slide.

After Sales Service

- Offline Service: 1 Year Free Warranty | 7 × 24 Hours Service | Local Service & Support

Pudu Robotics has a thorough after-sales support system and humanized after-sales policy as well, whenever it is needed, we are going all out to offer service and reach your satisfaction.

T H A N K S

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Pudu Robotics



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