

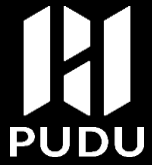
Product Overview

PUDU CC1

Intelligent Cleaning Robot

- Stable efficiency and higher quality of cleaning
- Lower recruitment, training and management costs
- Reduce employee injuries and absences
- Easily deal with custodial inspections with digital reports





Product Overview



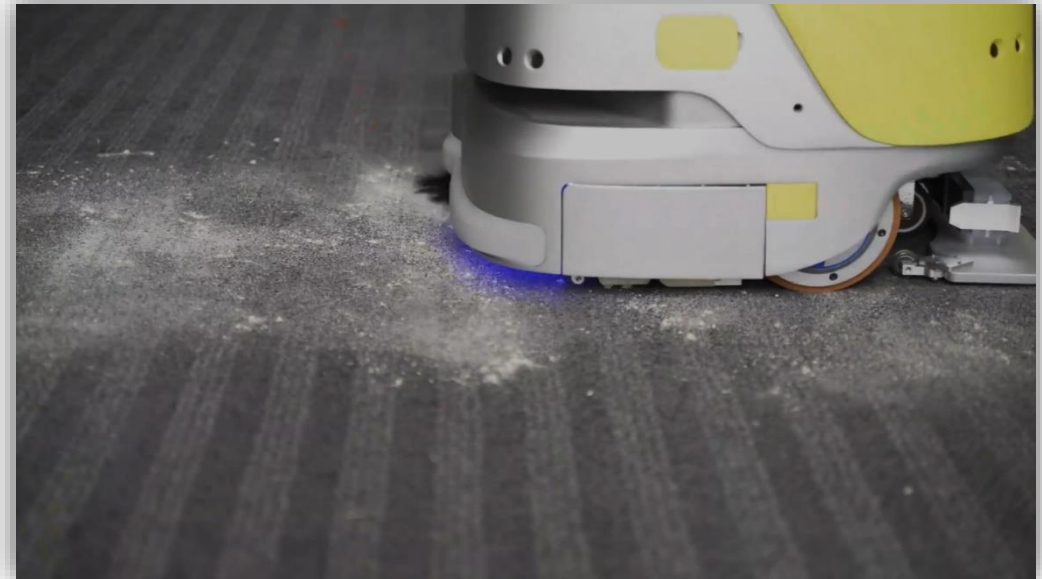
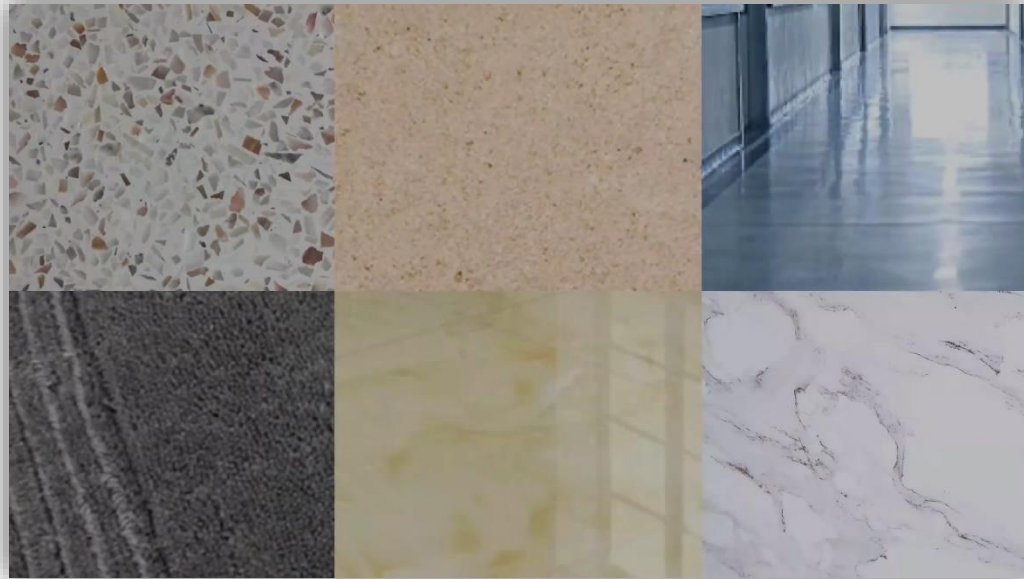
Machine dimension	663*568*682mm
Machine weight	60kg
Sweeping Width	500mm
Scrubbing Width	400mm
Water Tank Capacity	Clean Water Tank 15L Waste Water Tank 17L
Charging time	< 4h
Run-time	Max 9h
Cleaning Efficiency	700-1000m ² /h
Cleaning Operating Noise	< 70dB
Cruise speed	Max 1.2m/s
Local Interaction	10.1-inch touch screen
Positioning Method	Visual + Laser Positioning

Four-in-one Versatile Cleaning



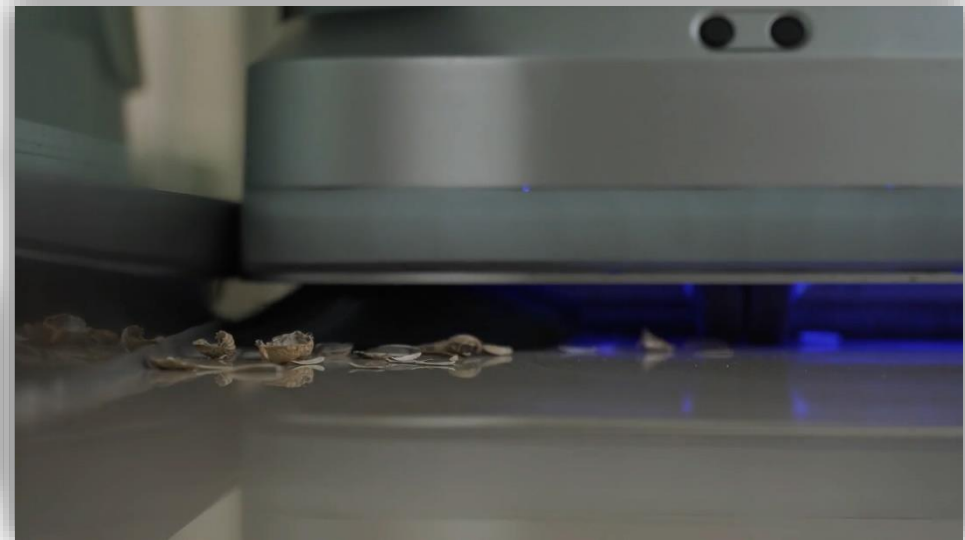
- **Sweeping, Scrubbing, Vacuuming and Mopping** multi-function in one. All cleaning needs can be easily met by one machine.
- **Modular Component Design:** Remove the accessory is no longer a tedious task, but a fast and efficient one. Accessories (such as side brush , roller brush , squeegee, mopping sweeper) can be loaded and unloaded in **2 minutes**.

Suit Various Floor Types



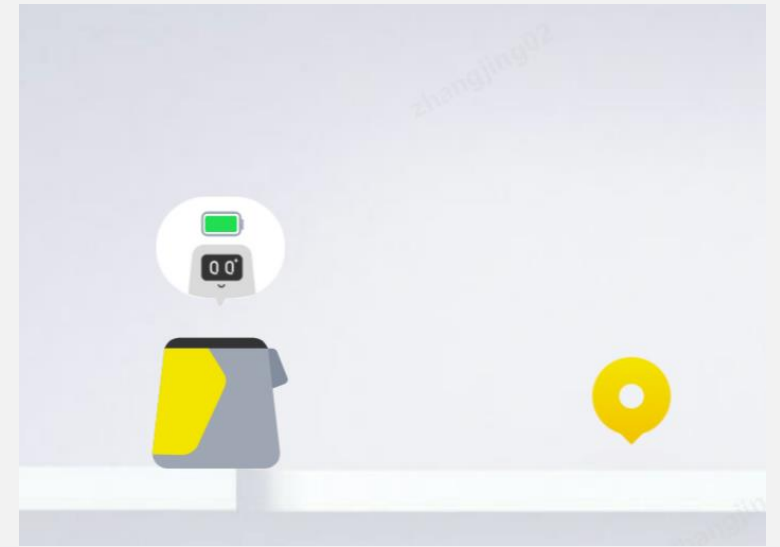
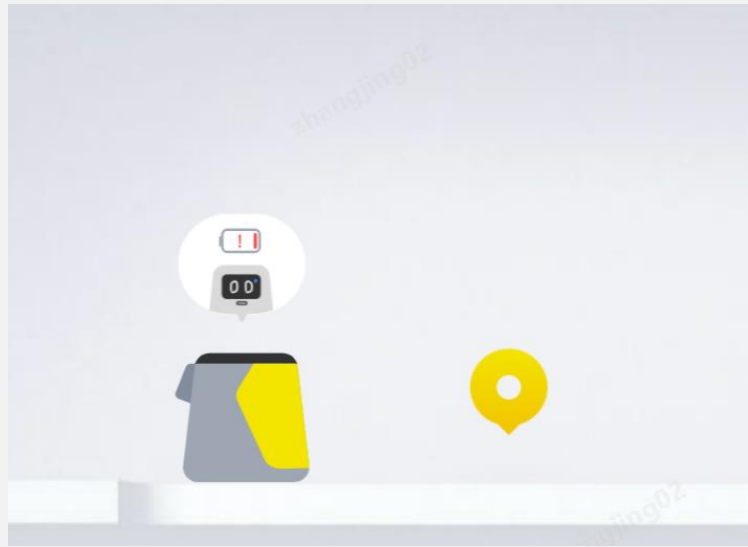
- Suitable for indoor floors with **different materials and hardness**:
- **Hard floor**: Nature Stone, Terrazzo, marble, floor tile, epoxy resin, sandstone, artificial stone flooring, etc.
- **Soft floor**: low pile carpet

Fit Corners Perfectly



- **Efficient ultimate edge cleaning (< 2cm edge to edge)** in certain scenes with side brush. It performs edge sweeping well with no trash left behind.

Breakpoint Resume Cleaning



- When the power is low and cleaning task is not completed, the robot can **remember the cleaning progress and resume the previous unfinished task** after fully recharged.

Automatic Water Addition & Drainage



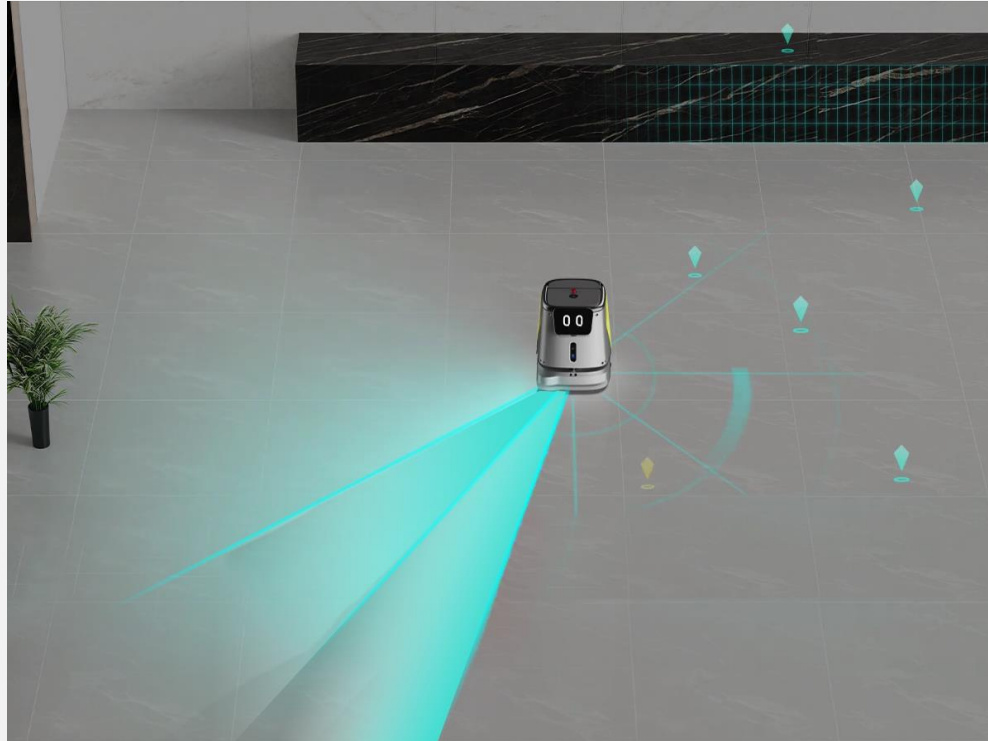
- **Large Capacity: 15L clean water tank and 17L waste water tank** with an exclusive workstation
- **Automatically fill and drain the water** at the workstation*
- No manual intervention, worry-free and labor-saving

Auto Recharging



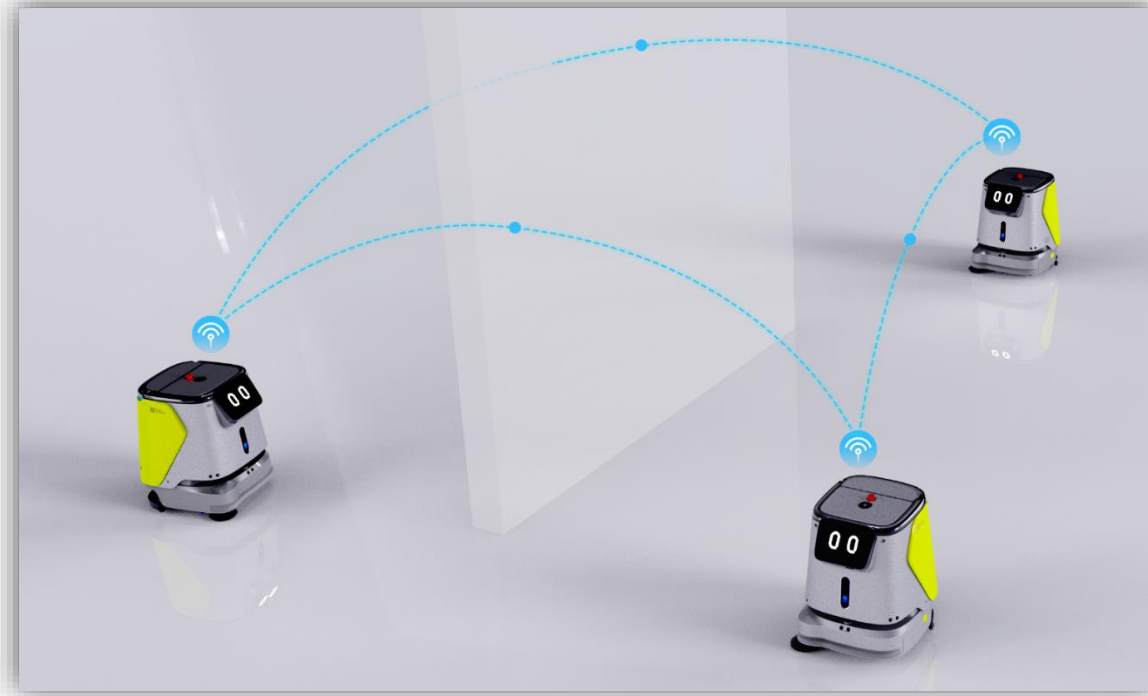
- **The robot will automatically return to the charging pile* when the power is low.**

Automatic Location & Navigation



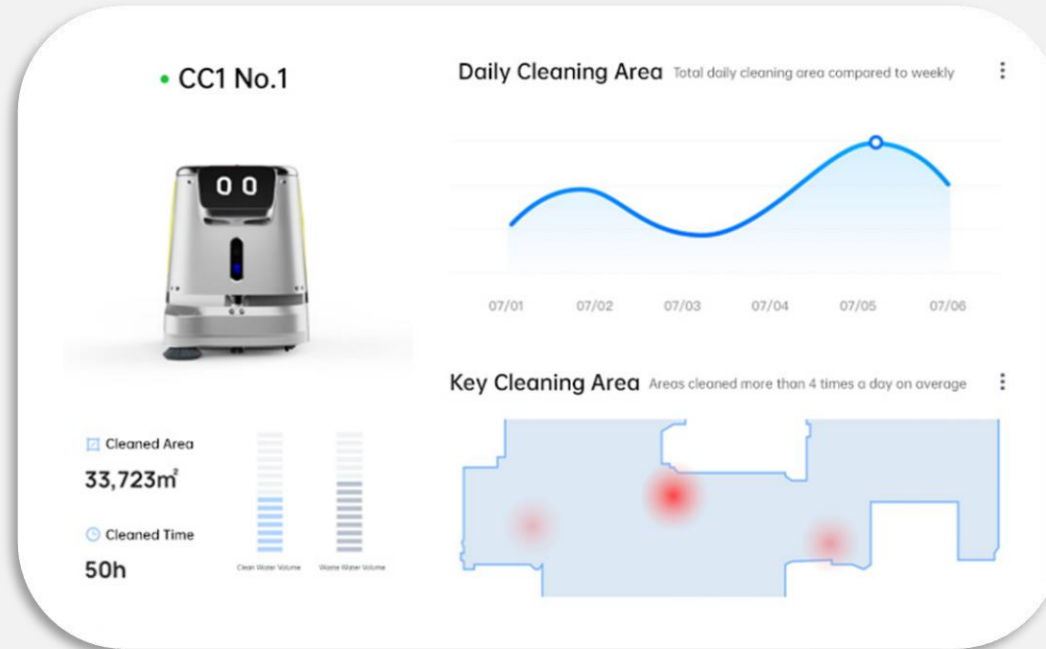
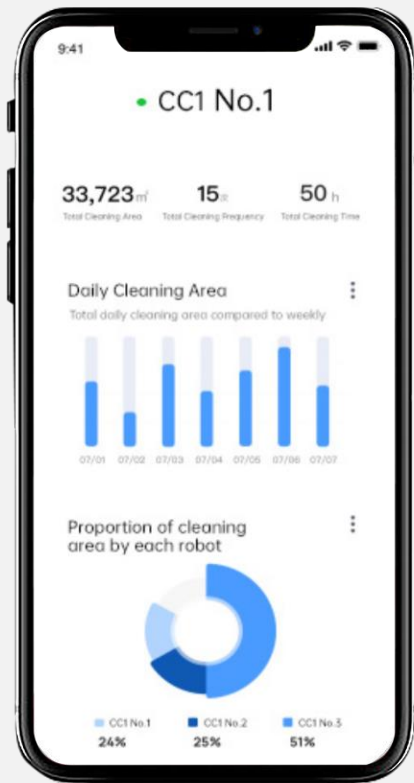
- Based on PUDU SLAM positioning system, CC1 supports both **Visual SLAM** and **laser SLAM** positioning and navigation solutions to perform tasks more efficiently in complex scenarios.
- Equipped with **Multi-fusion sensors**, it can stop at any angle and move away as soon as it encounters obstacles.

Multi-machine Intelligent Scheduling



- Based on PUDU Scheduler technology, it supports **multi-machine intelligent scheduling** and realizes **multi-machine collaborative operation**, **automatic replacement**, **multi-machine to multi-workstation** and other functions, and realizes the systematic operation of robots in office buildings/residential buildings.

Digital Cleaning



- **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,
- **Digitization and visualization of cleaning effects**: Collect and summarize the working status of each unit, **automatically generate cleaning report**



- **Easy to install:** robot operation with pre-set program is able to start to work immediately
- Stable cleaning efficiency and **higher quality of cleaning**



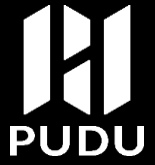
- Reduce potential employee injuries and absences, improve the service experience
- Redeploy labor: **Employee can focus on more complex responsibilities,** ensuring more productivity.



- **Lower** recruitment, training and management **costs**



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



Usage Scenarios



Office building



School



Supermarket



Restaurant



Public Transportation



Hospital



Factory



Residence