

NEUTRON

NCC1

Clean & Clever, Four-in-1



NEUTRON

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About Neutron

NCC1

Intelligent Commercial 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



NEUTRON 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

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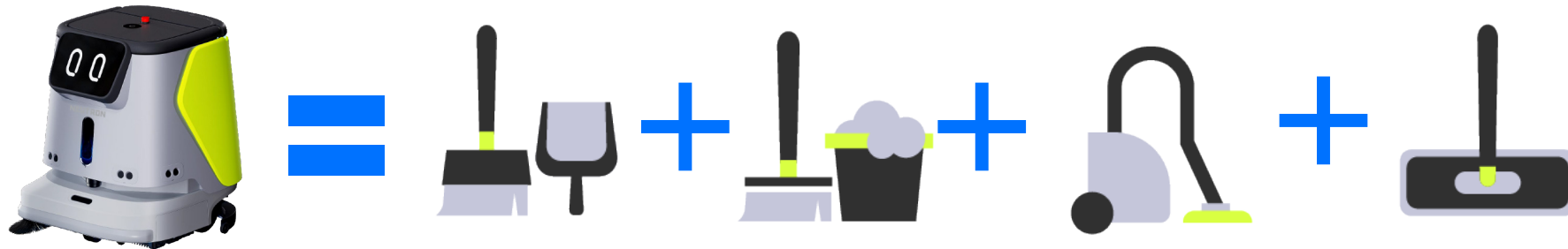
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About Neutron

NEUTRON Product Advantages

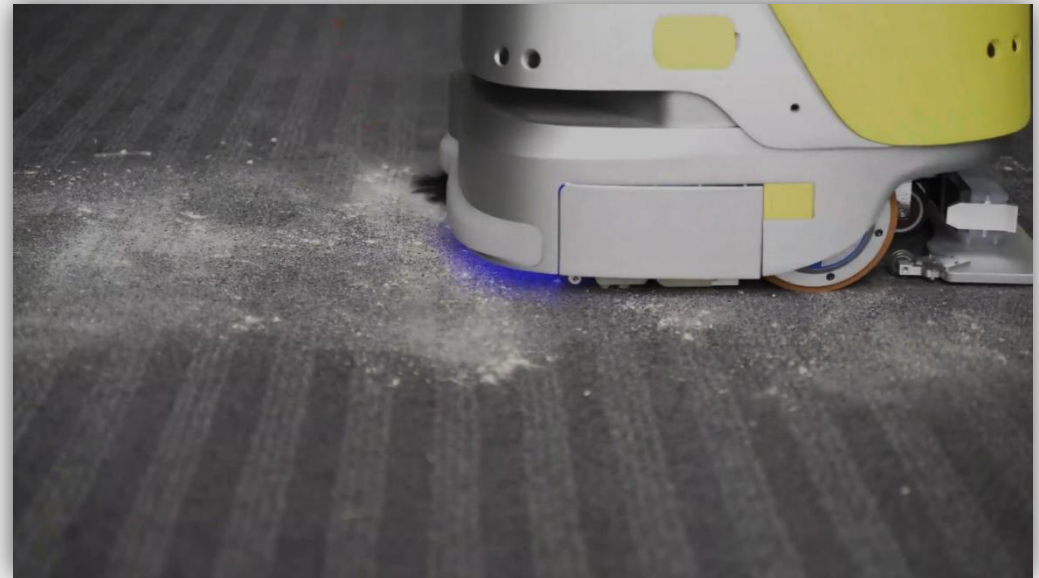
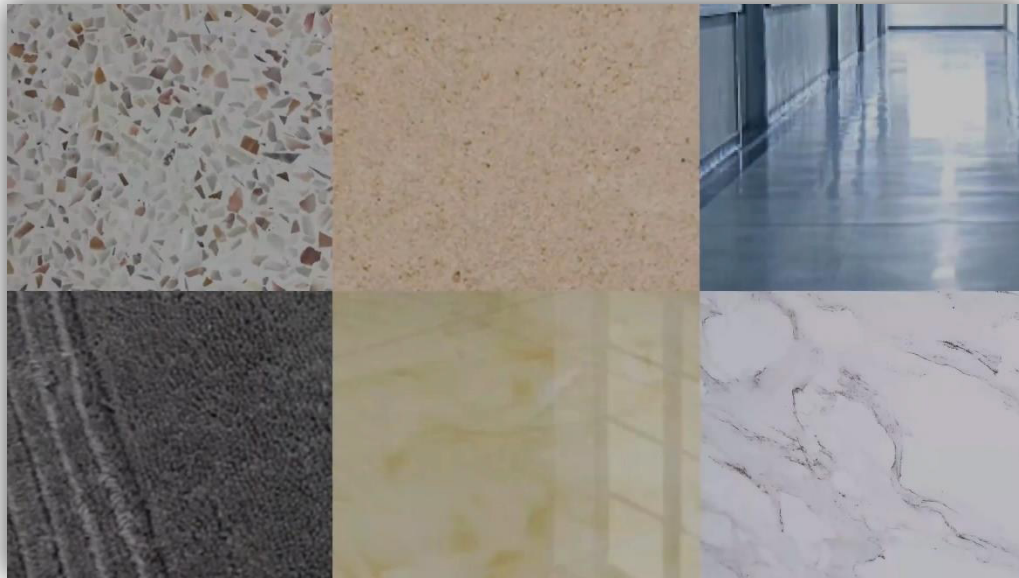
Four-in-one Versatile Cleaning



- **Sweeping, Scrubbing, Vacuuming and Mopping** multi-function in one. All cleaning needs can be easily met by one machine.
- **Two cleaning modes:**
 1. Sweeping + Vacuuming + Mopping
 2. Scrubbing
- **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 within **1 minute**.

NEUTRON Product Advantages

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

NEUTRON Product Advantages

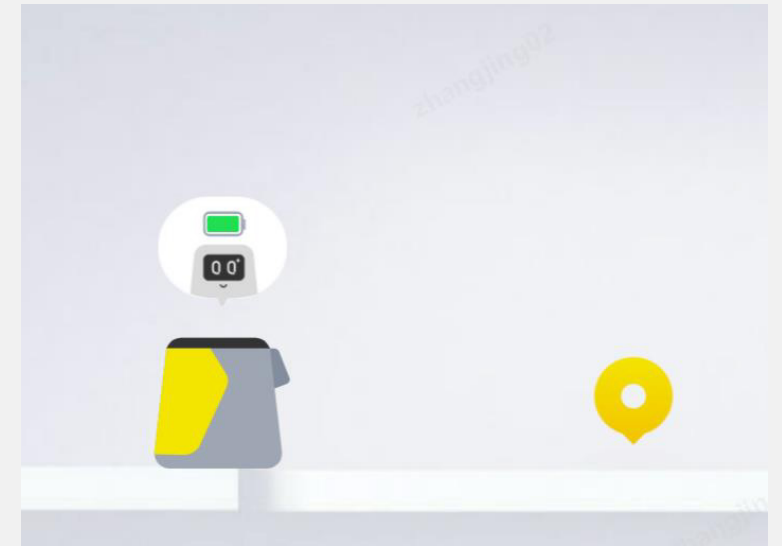
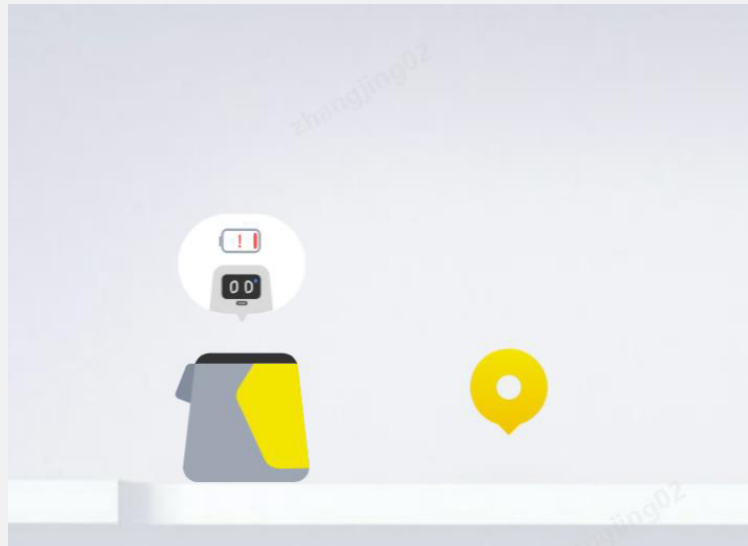
Fit Corners Perfectly



- **Ultimate edge cleaning (< 6cm edge to edge)** in certain scenes with side brush. It performs edge sweeping well with no trash left behind.

NEUTRON Product Advantages

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.

NEUTRON Product Advantages

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

*The workstation needs to be purchased additionally

NEUTRON Product Advantages

Automatic Recharging

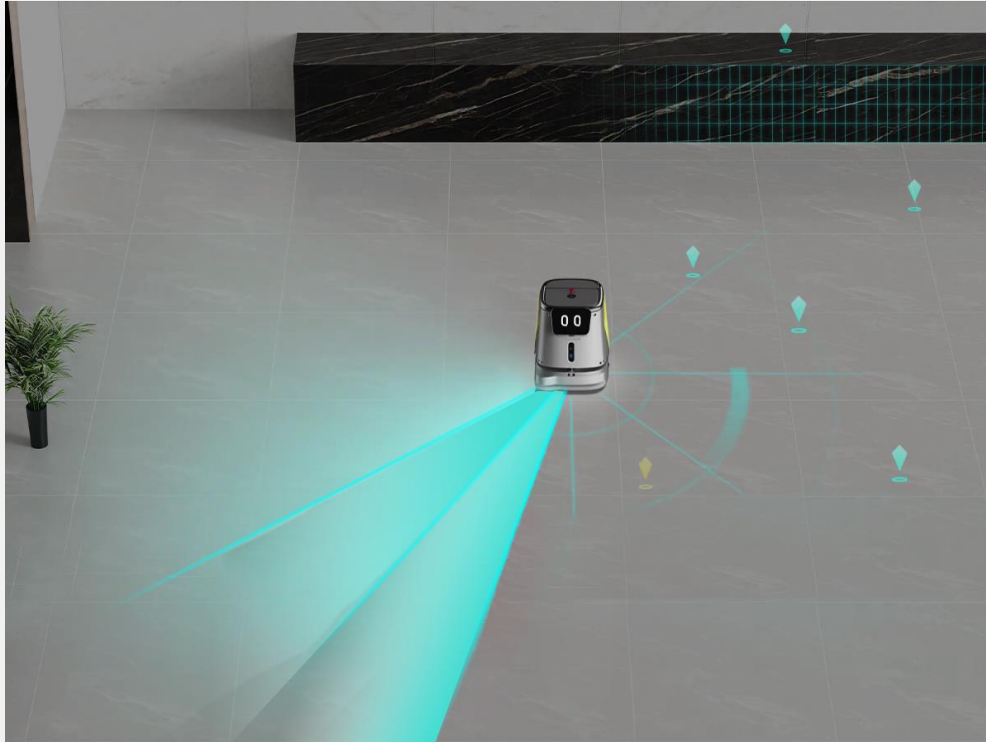


- **The robot will automatically return to the charging pile* when the power is low.**

*The charging pile needs to be purchased additionally

NEUTRON Product Advantage - AIoT Technology

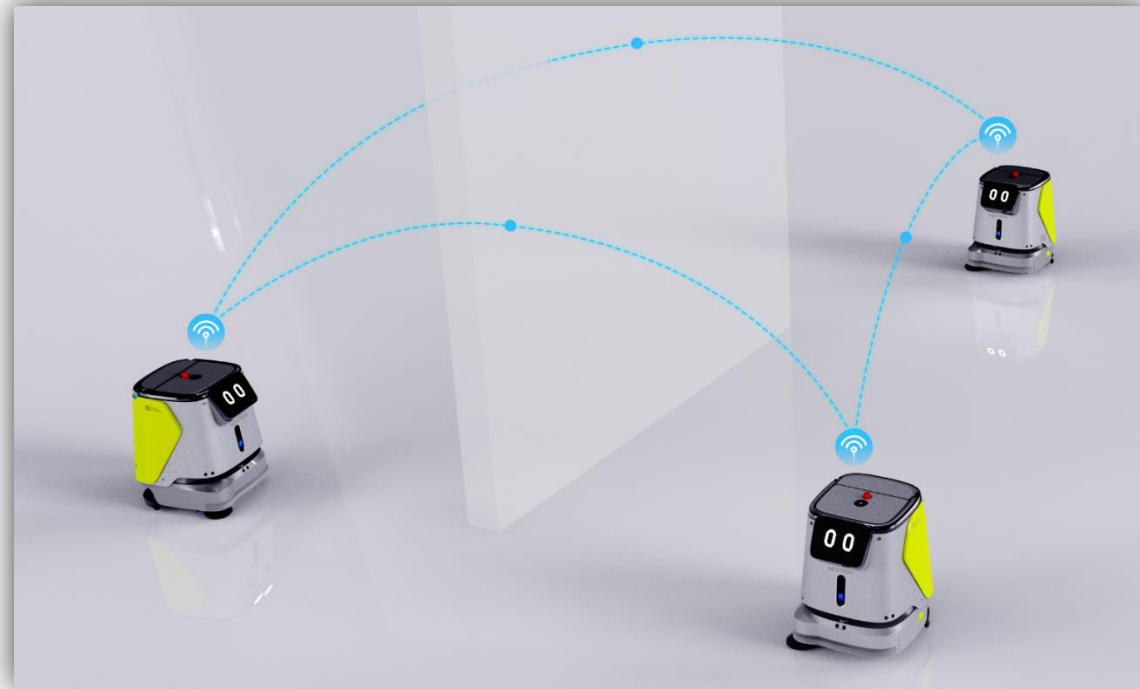
Automatic Location & Navigation



- Based on Neutron SLAM positioning system, NCC1 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.

NEUTRON Product Advantage - IoT Technology

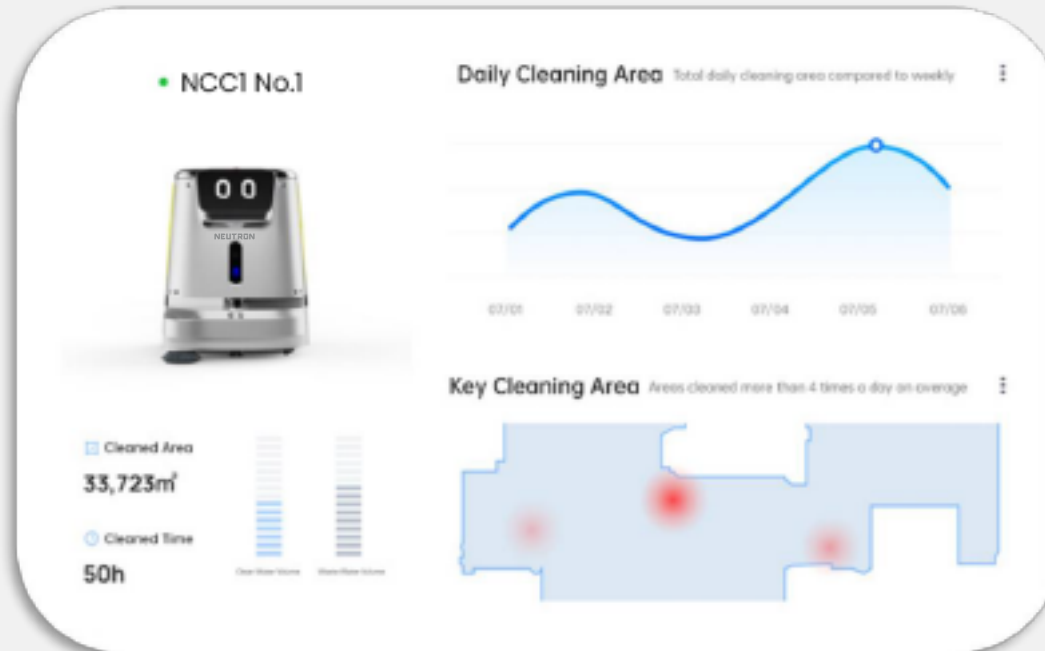
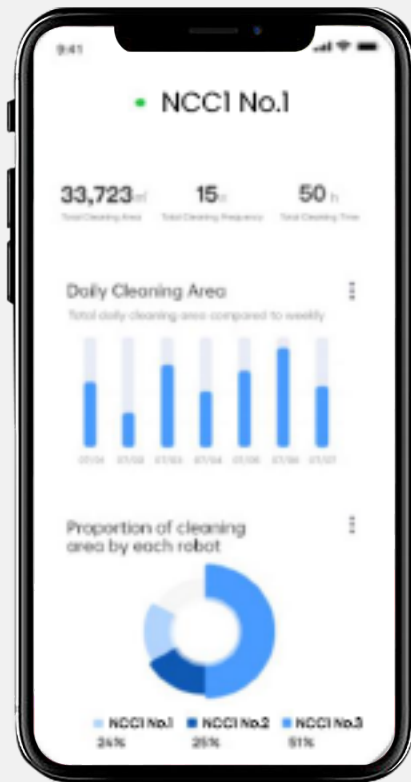
Multi-machine Intelligent Scheduling



- Based on NEUTRON 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.

NEUTRON Product Advantage - IoT Technology

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**

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NEUTRON Product Values



- **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.

NEUTRON Usage Scenarios



Office Building



Education



Retail



Food & Beverage



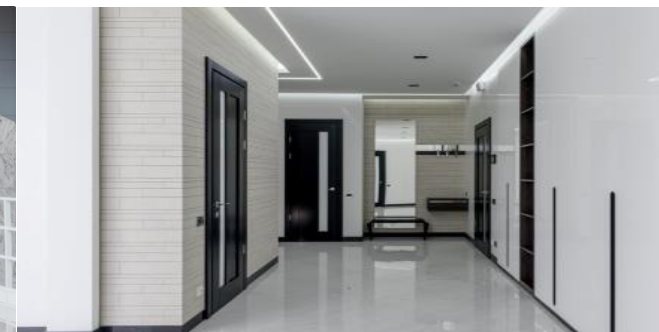
Public Transportation



Health Care



Manufacturing



Hospitality

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NEUTRON About

Neutron has become a brand capable of producing many electronic hardware and software by adding new ones to its technology journey that it started with security systems.

Neutron, which always brings innovations to its users with its self-updating structure, delivers its products to nearly 80 countries, especially its homeland Turkey, through its dealer network and electronic commerce structure.

Neutron is the first brand in Turkey to make and manage its own mobile application. It offers completely free service with its mobile applications reaching 10 million users.

Neutron, which has accomplished great things in the field of security systems, in public and private areas, banks, airports, business centers, industrial sites and many other areas, maintains the same success in smart life products. With the NEUTRONLIFE mobile application and roof software, it produces nearly 50 thousand smart products and offers them to use from its own mobile application.

In addition to these, Neutron, which broke new ground in Turkey in the field of Robotics, is the first product of its investments in artificial intelligence, with Service and companion robots, in restaurants, hospitals, factories, etc. in areas such as

Neutron has virtually led the way in water with its latest innovations in water purification systems. It provides significant benefits to both users and nature, such as having a system concept that does not require service and having very low wastewater amounts.