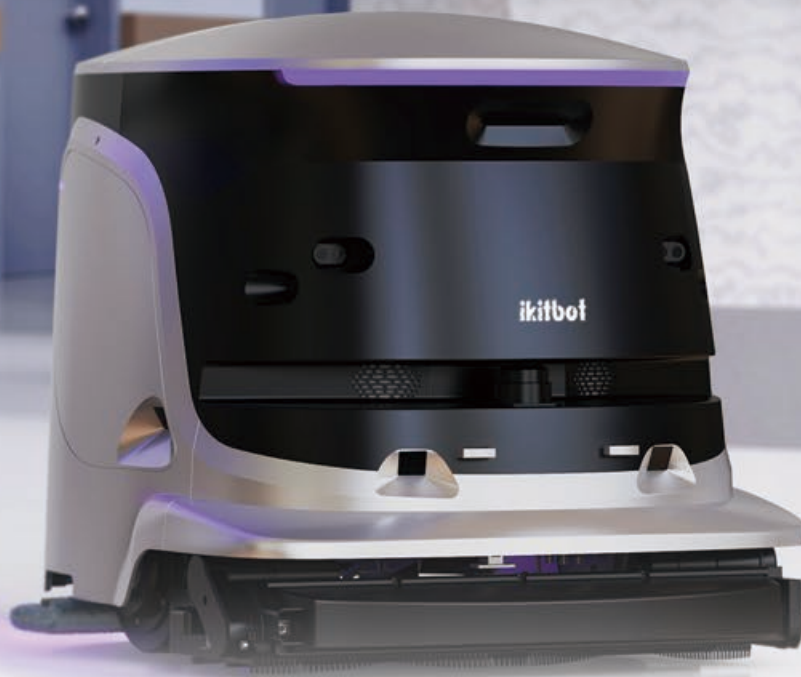


ikitbot

One S55 Pro with UVC: Advanced Cleaning Meets Germ Control



Enhanced Hygiene

222nm Far-UVC suppresses bacteria and viruses at the surface level.

Safe for use in occupied spaces.



All-in-One Cleaning Power

Sweeping, vacuuming, scrubbing, drying, and now UVC disinfection—all in one pass. No module change required, just one-touch operation.



Designed for Healthcare & Care Facilities

Ideal for hospitals, nursing homes, and clinics.

Quiet operation (<55dB) minimizes disruption to patients and staff.

Harnessing 222nm Far-UVC light to suppress germs, ensuring safer environments for healthcare and care facilities.



What is 222nm Far-UVC?

222nm Far-UVC light belongs to an extremely short-wavelength range within the ultraviolet spectrum, characterized by an extremely short transmission distance in air. Due to this property, it does not easily reach human skin or eyes, enabling safe irradiation even in occupied spaces. It is currently attracting attention as an advanced light technology that supports environmental hygiene management.

Structure and Features of the ONE S55 Pro UVC

Surface-level Irradiation with Short-wavelength 222nm Light

The specific wavelength range acts on the structure of organic matter and fine contaminants, exerting an auxiliary effect to further stabilize the hygienic condition after cleaning.

Automatic Control of Irradiation Area

Designed with safety control linked to sensors, irradiation is only performed while the robot is moving.

Durability and Energy-saving Design

The lamp life is estimated to be approximately 3000 hours, and a low-power consumption module is adopted.

*Wavelength accuracy and illuminance stability tested by iKitbot and partner labs.

Application Scenarios: Proven Value in Healthcare Environments



Hospital

Maintain spotless and hygienic floors.



Nursing home

Protect vulnerable residents with safer cleaning.



Clinic

Ensure germ-suppressed spaces for patients and visitors.



iKitbot delivers practical, high-performance service robots for real-world industrial and commercial environments. Certificates: ISO9001, CE, FCC, UL, PSE, TELECOM, CB, TUV, IEC, and RoHS.



For partnership and distribution inquiries please feel free to contact us.

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*When using this product, please strictly adhere to safety guidelines. Follow the instructions in the manual to use it correctly and safely.



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