

AMR-AI-PJ-UVGI Robot



msi

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[Company Website](#)

Winning Reason

This anti-epidemic robot joins together autonomous navigation with mobile disinfection and sterilization into one device. It is compatible with multiple communications technologies, can automatically detect and avoid obstacles, and has smart route planning capabilities. It emits UVGI light at a wavelength of 253.7nm. This short wavelength UVC and high energy radiation disinfects by destroying the DNA or RNA found inside microorganisms without leaving behind chemicals or residues. It is suitable for use in hospitals, long-term care homes, public spaces, and anywhere that sees a lot of human traffic. In the day it can be used to automatically purify the air, while at night it can thoroughly disinfect using its UV light for effective reduction of viral transmission.

Product Feature

With 253.7nm wavelength UVGI, not using chemicals, won't produce surface pollution.

Disinfect air pathogens, mold, viruses, bacteria, and other microorganisms, achieving a comprehensive purification of air.

Verified by Texcell/France to effectively inactivate new SARS-COV2 virus within seconds under research conditions.

Active AI air-switching sterilization and surface disinfection body safety protection mechanism.

Mutual voice and light prompt, achieving safe coexistence between human and robot

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