



*Solutions for a Cleaner Environment*



## Helping to Keep Our Community Healthy

*New & Available to You:*

# RoverUV

## Mobile Disinfection Robot

***UV-C Technology + Robotics = Powerful Results***

### Why UV-C Light is Being Used For Disinfection

Ultraviolet-C is one of three bandwidths of UV light given off by the sun: UV-A, UV-B, and UV-C. UV-C is different from the others in that it is blocked by the Earth's ozone layer and therefore microorganisms haven't adapted to exposure, making UV-C a particularly effective disinfectant.

### How Does UV-C Disinfect?

Though UV-C light never passes through our ozone layer, Safe Space Technology has harnessed its power synthetically through ultraviolet germicidal irradiation.

Essentially, UV-C wavelengths between 200 and 300 nanometers are used to destroy nucleic acid and disrupt the DNA of microorganisms, rendering them incapable of reproducing. As a result, UV-C disinfects anything it comes in contact with, whether in the air or on surfaces.

### The Safety & Efficacy of UV-C

Because UV-C can disinfect the air, it's particularly useful for killing airborne pathogens that cause illness or aggravate conditions such as asthma or other respiratory issues. However, direct exposure to UV-C light can be harmful to humans and animals, causing skin and eye damage. So it's important to make sure a room or space is vacant when UV-C technology is in use.

For this reason, all Safe Space Technologies products are equipped with built-in motion and camera registration for safety shut-off. In addition, the effectiveness of UV-C disinfection is dependent upon certain variables, like how much organic matter is on surfaces, as well as how close the UV-C light is to its target. With this in mind, Safe Space Technologies has optimized its products through automation and modular designs to increase disinfection efficiency and effectiveness.

*The power of ultraviolet light has been used for decades in hospitals as a trusted disinfection tool. Now, with the world facing a global pandemic, UV-C is getting renewed attention. Its use case is essentially limitless: any space, home, or business can benefit from the disinfection power of UV-C.*

### UV-C Exposure Kills:

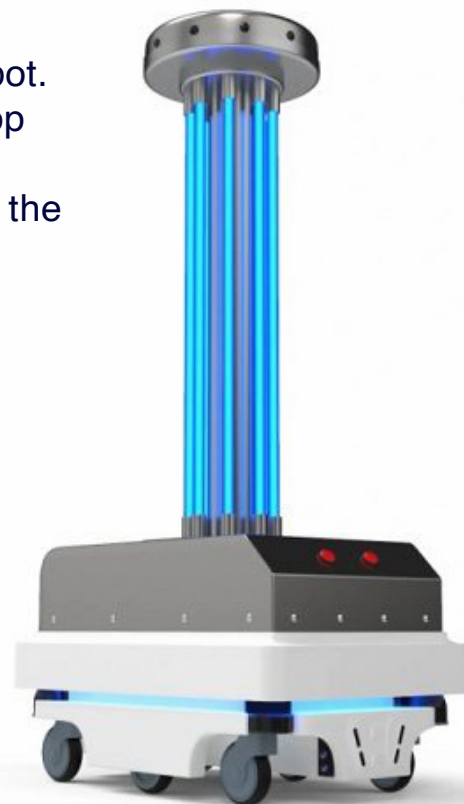
- ✓ BACTERIA
- ✓ VIRUSES
- ✓ FUNGUS
- ✓ MOLD
- ✓ PROTOZOA
- ✓ ALGAE

# RoverUV Mobile Disinfection Robot

## Disinfect Your Space Efficiently & Intelligently

Introducing Safe Space Technologies most efficient disinfection method: the RoverUV Mobile Disinfection Robot. Unlike manual approaches to disinfection, the UV light atop an autonomous mobile robot provides rapid, hands-free, effective inactivation of harmful microorganisms found in the air and on surfaces.

This device is able to disinfect large spaces - lobbies, hallways, or cafeterias - effectively, without any human interaction. Intelligent sensors enable the robot to avoid obstacles yet perform disinfection safely. And data is made available to track the robot's runtime, location, and disinfection history.



### SPECIFICATIONS

**Height:** 78"

**Width:** 24"

**Depth:** 36"

**Weight:** 350 lbs

**Duty:** 4 hours per charge

**Power:** 110 / 220V, 60hz, 13 Amps

### BEST USE CASE

- Hallways/Lockers
- Cafeteria
- Athletic Facilities
- Grocery Stores
- Large Commercial Offices
- Church Buildings
- Event Centers
- Airports

### DISINFECTION TIME

- 1 Robot Disinfects 4,174 square feet per hour
- 1 Fully Charged Robot can Disinfect 16,696 square feet in 4 hours
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### FEATURES

- Completely autonomous
- Integrated safety features
- Automatic charging
- Adaptable to changing room configurations
- Fast, Efficient and eliminates human error
- Minimum 4 hour disinfection runtime
- 100+ amp-hour battery for lights and controls
- Dual charging station
- 6 powerful 190 watt UV-C Germicidal bulbs (1140 W)
- Simple user interface for mission execution with full access to MiR software with credentials
- Integrated sensors for terminating UV-C lights if a person is detected nearby
- Connect to external WiFi for web-based reporting
- Robot operates without external WiFi or tablet connectivity