

NEW  
NORMAL

GERMCLEAN™ UV-C SANITIZATION SOLUTIONS  
FOR HOSPITALITY, COMMERCIAL AND RESIDENTIAL PROPERTY

A New Normal Germicidal Solution

Intelligent | Innovative | Powerful

HOW  
WE

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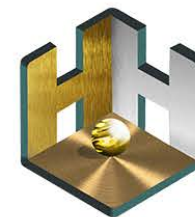
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## About Us

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## About Us

GUEST CONTROL SYSTEMS LIMITED was founded on a vision to innovate unique energy management & control solutions for the Hospitality Industry. GUEST CONTROL SYSTEMS LIMITED brings to its position as an advance energy management & control solutions design and development company a rich heritage of innovation and technological advancement. Today, GUEST CONTROL SYSTEMS LIMITED has moved well beyond the role of traditional solution development and has been focusing on creating total vertical industry applications and solutions that can help the vertical industry to reduce their capital expenditure, operation expenditure while improving their revenue by enhancing energy conservation, safety and improving performance. The result is a unique market niche highlighting the company's ability to offer its portfolio of applications and solutions at lower cost, increased reliability with value added advantages. GUEST CONTROL SYSTEMS LIMITED solutions are at works in thousands of hospitality and vertical enterprises extended across the globes including those prestigious fortune 500 companies. It is this level of experience and performance that has positioned the company in a place of prominence as it continues to expand its solutions portfolio to meet the challenging hospitality and vertical industry market needs.



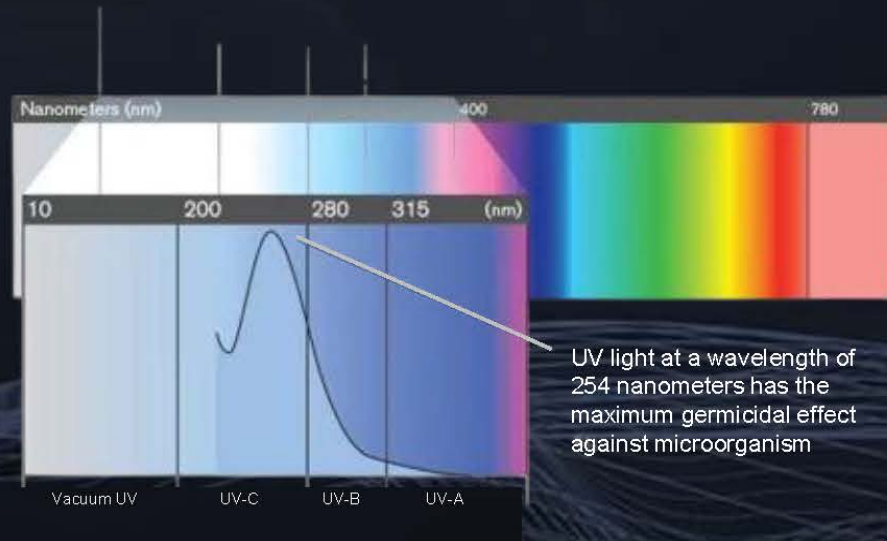
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# Introduction

Ultraviolet (UV) light is a form of light that is invisible to the human eye. It occupies the portion of the electromagnetic spectrum between X-rays and visible light. A unique characteristic of UV light is that a specific range of its wavelengths, those between 200 and 300 nanometers (billionths of a meter), are categorized as germicidal. They are capable of inactivating microorganisms, such as bacteria, viruses and protozoa. This capability has allowed widespread adoption of UV light as an environmentally friendly, chemical-free, and highly effective way to clean infectious spaces. The use of ultraviolet germicidal irradiation, has been found to be extremely effective. It is an incredibly powerful disinfectant!

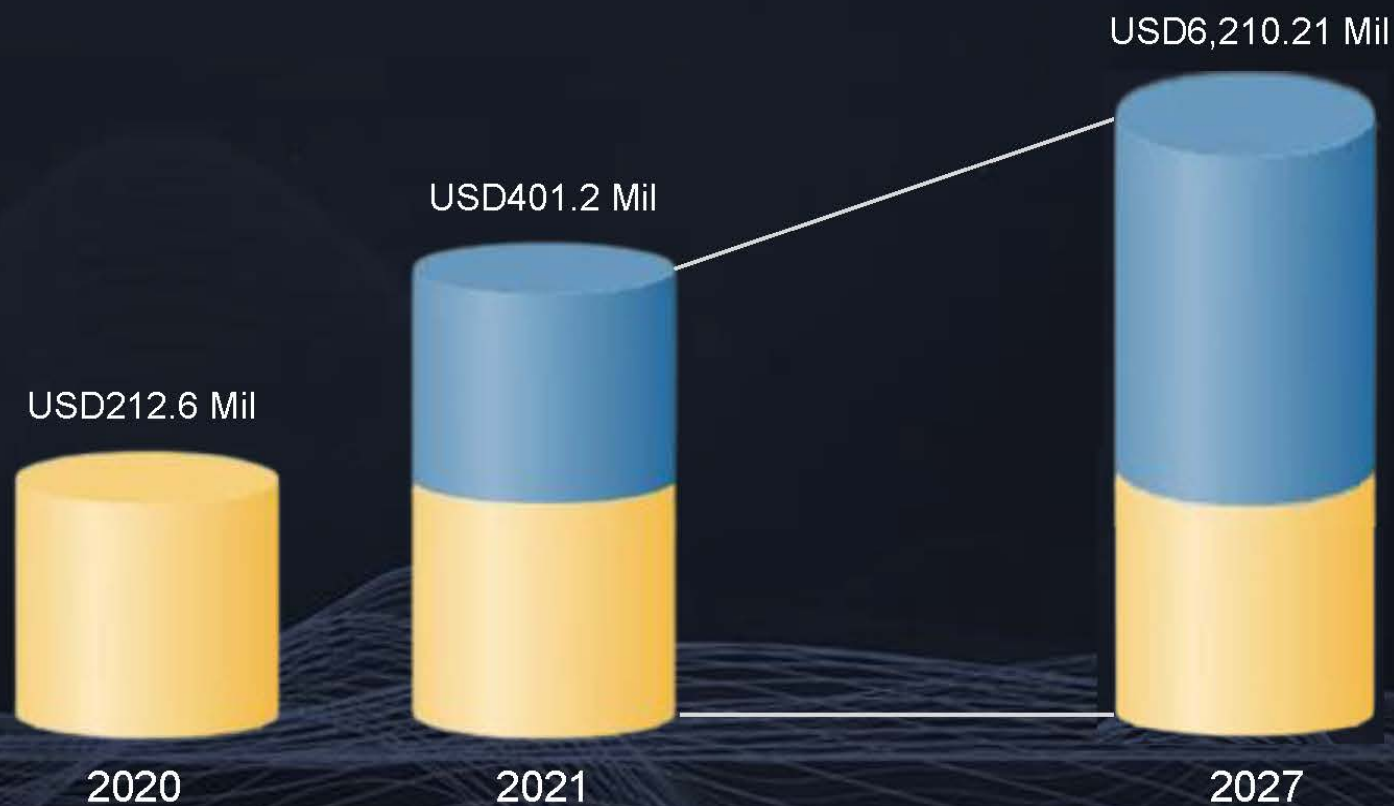


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# Global Market Forecast for Ultraviolet Germicidal Irradiation

Estimated market forecast to grow at CAGR of 12.3%



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## Highlights

Is your hotel or property looking for a simple and highly effective way of disinfecting your guestrooms and other public areas without chemical, odor or side effect?

If yes, then you must have come across UV disinfectants. UV light is extremely effective in killing bacteria and viruses in the air and surfaces.

**Re-conceptualize the industry available products with enhance features,** GuestControl™ GERM CLEAN™ is the revolutionary germ killing weapon of the new normal for the hospitality industry. Using scientifically-proven technology, GERM CLEAN™ quickly and safely eliminates up to 99.99 percent of surface pathogens.

GuestControl™ GERM CLEAN™ not only effective, it saves operational cost and reduce staff workload. It is a “must have” disinfection technology for the hospitality industry.



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GERMCLEAN™ UV-C Room Sanitization Pillar  
Model UVC-1010

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# GERMCLEAN™ UV-C Room Sanitization Pillar

Model UVC-1010



GERMCLEAN™ UV-C Model UVC-1010 Room Sanitization Pillar is suitable for area within 55-80 sqm such as hotel guestroom, bedroom and other equivalent space. The product provides 15min rapid sterilization and disinfection.

Recommendation: 2-4 units per hotel floor

With Timer & Remote Control & Proximity Radar Sensor



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# GERMCLEAN™ Model UVC-1010UV-C Room Sanitization Pillar

## Specifications

Rated Power	150W	200W
Rated Voltage	110V/220V	110V/220V
UV Wavelength	253.7nm	253.7nm
Applicable Area	55-65m <sup>2</sup>	70-80m <sup>2</sup>
Irradiance	380μw/cm <sup>2</sup>	410μw/cm <sup>2</sup>
Lamp Life	6000h	6000h
Retracted Dimension	250*250*810mm	250*250*810mm
Expanded Dimension	250*250*1300mm	250*250*1300mm

### Highlights:

- Easy to move around from room to room when need arises
- Proximity radar sensor-Switched off upon detecting human body

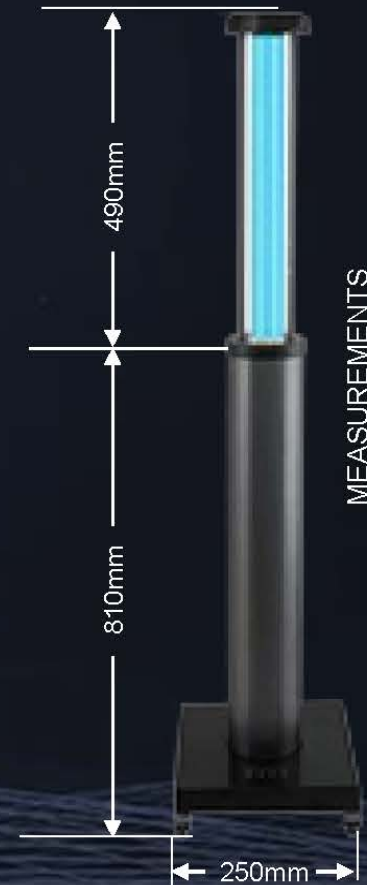


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# GERMCLEAN™ Model UVC-1010UV-C Room Sanitization Pillar

## Other Details



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GERMCLEAN™ UV-C Smart Sanitization Robot

Model UVC-1015

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# GERMCLEAN™ UV-C Smart Sanitization Robot

Model UVC-1015



Disinfecting surfaces can be a long and tedious task, especially when trying to cover a large area. The GERM CLEAN™ UV-C Model UVC-1015 Smart Sanitization Robot is designed to take this time-consuming task off your hands with its intelligent, convenient, and practical operation.

Suitable for hotel lobby, convention room, corridor, public area, casino & large spaces

Recommendation: 1-5 units per hotel depending on the hotel size

- Timed disinfection, custom disinfection route, automatic return to base for charging
- Remote navigation
- Infrared human body proximity sensing



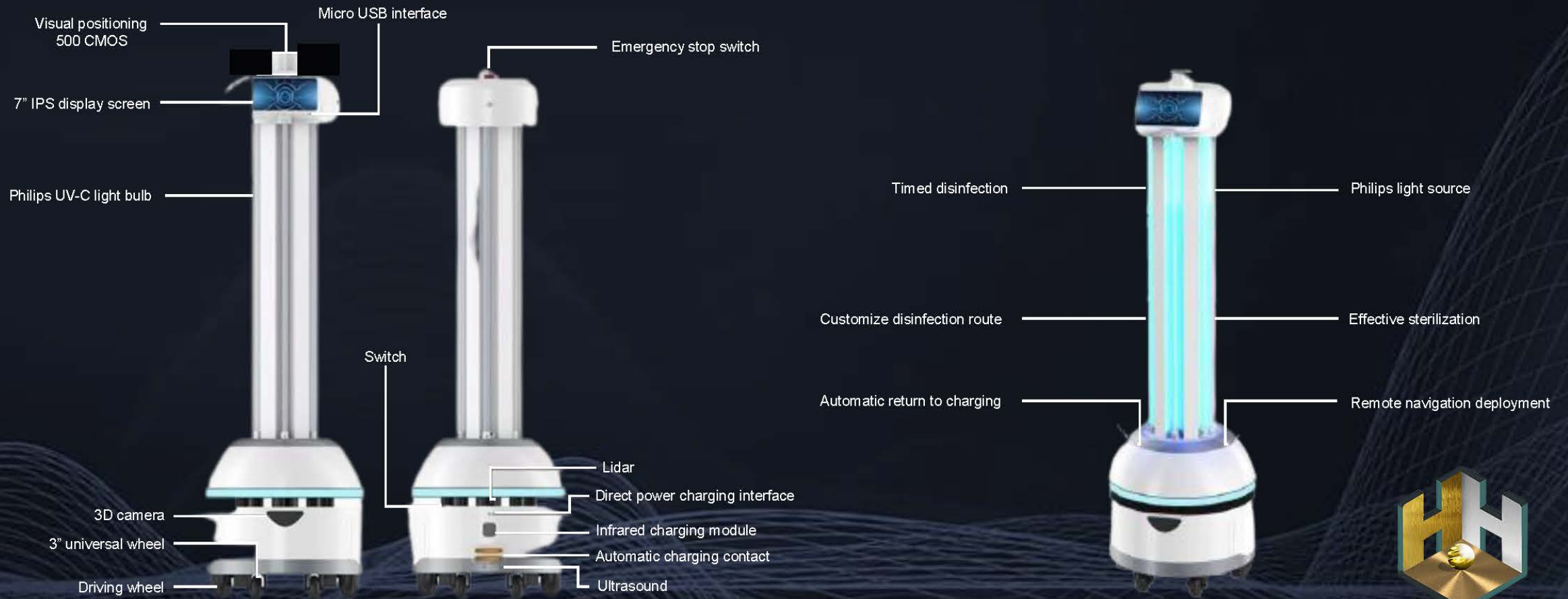
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# GERMCLEAN™ UV-C Smart Sanitization Robot

## Features & Functions



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# GERMCLEAN™ Model UVC-1015 UV-C Disinfection Smart Sanitization Robot

## Specifications

Rated Power	180W (30W*6)
Rated Voltage	110V/220V
Operating System	Android(5.1)
Processor Type	RK3128 RAM LPDDR3:1G Built-in NAND FLASH: 8GB USB Debugging Port: Micro USB 2.0 Interface Power Button: One-key Boot Display Screen: 7 Inches, IPS Screen (16:9) Speaker: 4Ω/3W Mono Speaker
Function	Timed disinfection/customized disinfection route/automatically return to charge/remote navigation deployment
Lamp Tube	Phillip TUV T8
No. of Tube	30W*6
Length of UV Lamp	90cm
Lamp Life	8000h
Motor Driven	5.5 Inch Hub Motor
Lidar	20m
Type of Battery	10S16P Capacity 20800 mAh/37V
Battery Life	1.5-2.0 Hours
Charging Method	Automatic Recharge/Direct Charge
Product Measurement	450*450*1462mm
Application Area	Hotel lobby, convention room, corridor, public area, casino & large spaces





# GERMCLEAN™ Model UVC-1015 UV-C Smart Sanitization Robot

## Advantages

- Intelligent design (cruise + return)
- Ultraviolet disinfection
- Efficient & reliable
- Two modes - attendance & fixed point
- MA-certified with up to 8,000 hours of lifespan
- 6Pcs 30W Philips ultraviolet lamps for 360-degree disinfection
- Facial recognition, body temperature & thermal imager
- Voice alarm(Optional)
- Smart & safe navigation with 3D obstacle avoidance (1m)
- Laser radar with max 40m scanning range (auto navigation)
- Remote wireless transmission
- Automatically returns for charging
- Other than hotels, also suitable for schools, airports, offices, hospitals, shopping malls and other large spaces.



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Safety Measures

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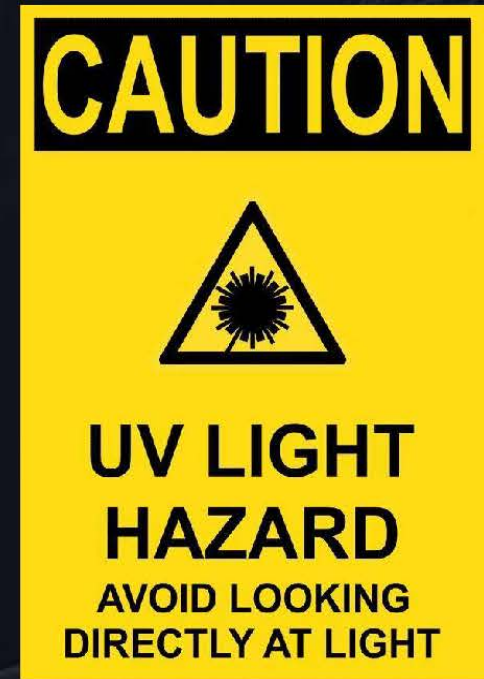
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## Safety Precautions

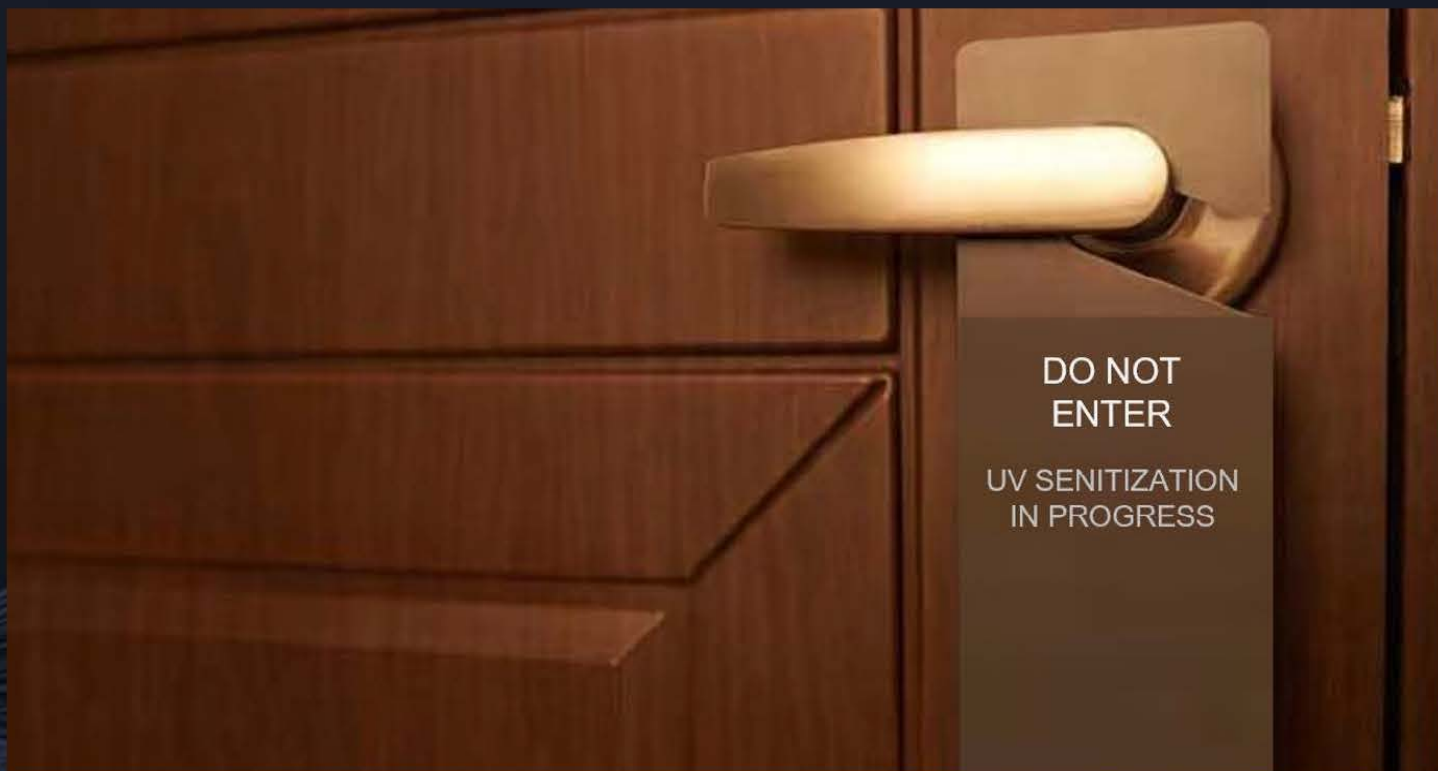


- Personnel working with the UVC disinfection device should ensure that there is no person in line of sight of the device when it is in operation, so that there are no risks of exposure.
- Never view the UV lamp directly. Although the inverse square law applies to non-laser beam UV radiation, it is not advisable to look directly at any UV source – at any distance.
- Keep exposure time to a minimum, and where source is not enclosed or shielded, keep as far away from it as practicable.
- Restrict access to those personnel who are directly involved with the operation of the UV source.
- If a UVC disinfection robot is to be used in an enclosed space, ensure that the space is vacated before commencing operation of the UVC robot.
- Anyone working on a UVC device should wear appropriate PPE when operating or servicing the device at all times. Examples of PPE include the following:
  - a. UV-resistant eyewear (goggles/face shields/safety glasses)
  - b. Protective wear/clothing, which covers exposed skin
- When any mobile UVC disinfection device is not in use, ensure that it is stored or kept in a manner so as to prevent unauthorized access.
- Hazard warning signs - Warning signs are necessary to inform about the risk of exposure during use and maintenance. Warning signs should be used where applicable to indicate the presence of potential UV radiation hazards, the requirement to restrict access, and the need for PPE.





## Safety Precaution Door Label



Precautionary measure is necessary when UV sanitization is in progress in the guest room



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## Safety Precaution Foldable Frame



For the safety of staff and hotel guests, it is mandatory to place a label in the area when UV sanitization is in progress



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Application Areas

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# Application Areas

- Hotels
- Motels
- Casinos
- Homestays
- Service Apartment
- Senior Citizen Condotel
- Hospitals
- Guest Houses
- Condominiums
- Wellness Centers
- Cruise Ships
- Dormitories



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Company Commitment  
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## Company Commitment

With new normal environment where public health and safety become foremost importance, GUEST CONTROL SYSTEMS LIMITED is committed to deliver innovative state-of-the-art seamless and intuitive hospitality UV-C sanitization products and solutions to the hoteliers all over the world.

With the company team expertise and accumulated global experience, we are able to set standard for UV-C sanitization products and solutions.

We create lead in innovation to ensure the hoteliers are at the forefront of technology. We ensure your hotel are at world-class status while we care for your service optimization, process efficiency, staff & customer health, deliver outstanding guest experience, guest loyalty and profitability.

[www.guestcontrol.net](http://www.guestcontrol.net)



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Thank You



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