

## PRODUCT DESCRIPTION · 产品介绍



AHUV-Rs Autonomous mobile UV disinfection robot is designed with 8 groups of high-intensity short-wavelength UVC lamps for 360-degree room disinfection and eliminate human error. AHUV-Rs UVD robots can deliver more effective and more powerful effect, to ensure entirely disinfection, and keep people away from disease.

AHUV-Rs 紫外线杀菌机器人由8组254 nm短波紫外线杀菌灯提供360度全方位杀菌。AHUV-Rs 能够提供更加高效以及更强有力的杀毒效果，用于保证完整、彻底消毒，从而让人们远离病毒。

## PARAMETERS · 参数



## TECHNICAL SPECIFICATIONS · 技术参数

### > UVC Parameters(紫外线参数)

Lamp Wattage(灯功率) 40 W\*8 (480W in total)

Wave Length(波长) 253.7 nm

UV Output(25°C,100hs, Base up)紫外线输出 145μW/cm<sup>2</sup>

Lifetime(寿命)

Switch Cycles (30sOn/150sOff)开关实验 >10000h

Max. Starting Time 最长启动时间 10s

Time to reach 90% UV Output 达到90%紫外线输出时间 100s

Temperature Range to Reach 90% UV Output 紫外线输出工作范围 -10~45°C

Ambient Temperature Range 工作环境温度 Max:60°C, Min:-10°C

Safety Requirement 安全标准 IEC61195.1999

Max. Allowed Cap Temperature 最高灯头温度 120°C

### > Navigation(导航)

Max Scanning Radius (最大扫描半径) 25m

Ultrasonic Sensors (超声传感器) 6(组)

Max Detecting Range(最大检测范围) 40 cm

Anti-drop Sensors (防跌落传感器) 3(个)

Minimum Detecting Depth(最小检测深度) 5cm

### > Movement(运动参数)

Speed(速度) 0.7ms

Angle(角度) 5° Max(最大)

### > Power Supply(电源供电)

Charging Pile Input (充电桩输入) AC120-240V/2A

Charging Pile Output (充电桩输出) 25.2V/10A Max

### > Battery(电池)

Battery Type(类型) Lithium Battery (锂电池)

Battery Capacity(容量) 40AH 24V

Standby Time(待机时间) 12h(Approximately)

Work Time(工作时间) 5h(Approximately)

### > Environmental(环境)

Operation (工作环境) 0° C ~ 40° C, 90% RH

Storage(储存环境) -20° C ~ 60° C, 90% RH

### > Mechanical(结构参数)

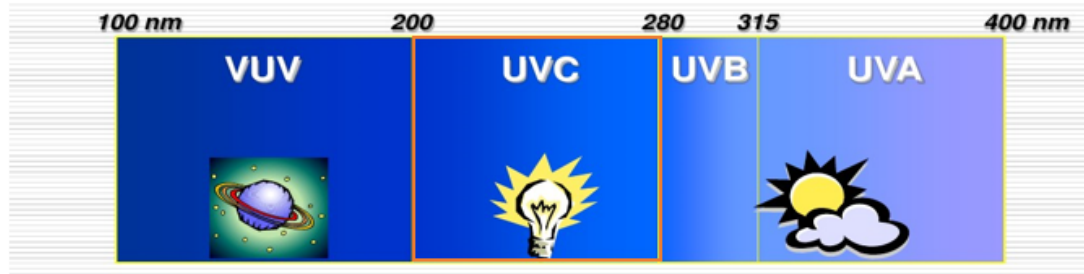
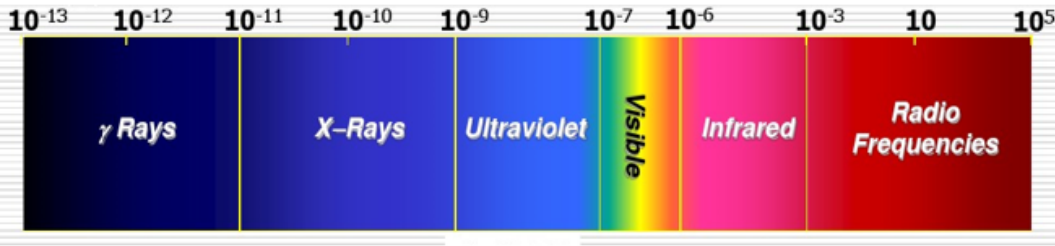
Dimensions(尺寸) 54cm\*54cm\*130cm

Weight(重量) 50Kg(Approximately)

Flight case(选配) TBD

Weight(重量) TBD

## UVC Parameters (紫外线参数)



## APPLICATIONS (应用)



Exhibition  
展会



Library  
图书馆



Court  
法院



Medical  
医疗



Showroom  
展厅



Government  
政府



Airport  
机场



Entertainment  
娱乐场所



Retailing  
商场