

"Make Life Safer"

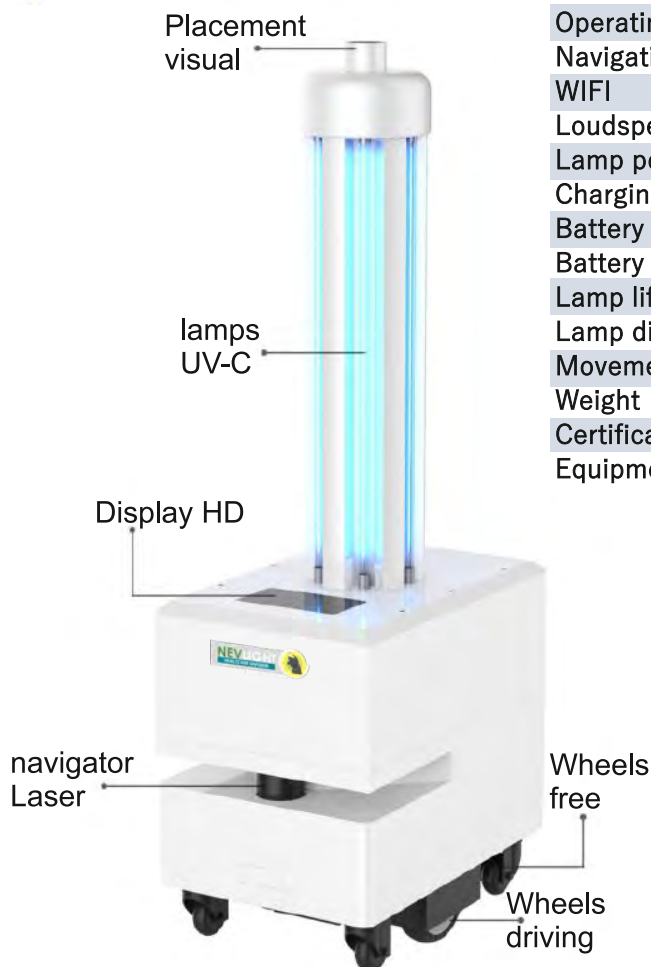


- clever circumvention of obstacles
- autonomous navigation
- automatic recharge
- cloud data
- intelligent terminal
- background data management

## Intelligent robot for UV-C disinfection

### TECHNICAL FEATURES

Lamp model	NLUVROB288
Lamp power	288W
UV wavelength	UV-C 253.7nm
Display	7 "IPS screen
Video camera	5 mega pixels
Operating system	Android 5.1 / MB RK3128
Navigation mother plate	Intel Core i5
WIFI	dual frequency 2.4G + 5.8G
Loudspeakers	4R3W
Lamp power and number	36/8
Charging adapter	42V 3A
Battery capacity	37V - 20.8Ah
Battery life	> 6 hours
Lamp life	> 800 hours
Lamp dimensions	540 * 360 * 1500mm
Movement speed	0.2 - 1.2 m / s
Weight	43Kg
Certificates	CE - LVD
Equipment	VSLAM + Laser SLAM



Compliant with ISS COVID-19 report N.25 / 2020  
«Interim recommendations on the sanitation of structures non-health care in the current COVID-19 emergency: surfaces, interiors and clothing »

Intelligent germicidal UV-C robot power 288 W, suitable for the sterilization of rooms in a completely automatic way suitable for use in hotels, schools, apartments, shops, hospitals and offices. It has a lamp life greater than 8000 hours. Net weight of 43 kg. Projected on the area to be disinfected at 360, it eliminates the bacterial load deposited on the surfaces.

Disinfection with ultraviolet rays is an effective way to destroy microorganisms including bacteria, viruses, mold spores, acting on the DNA-RNA of microorganisms. Radiating with the appropriate wavelength leads to cell death, after a correct exposure to the rays a mortality level of virus bacteria and spores is reached above 99.9%.

These destroy the DNA molecular bonds of microorganisms, producing thymine dimers in their DNA and destroying them, rendering them harmless or impeding their growth and reproduction.

