

DESIGN DECODED 2021 : ART EXHIBITION



*Decrypt your
visual creativity*

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UVios

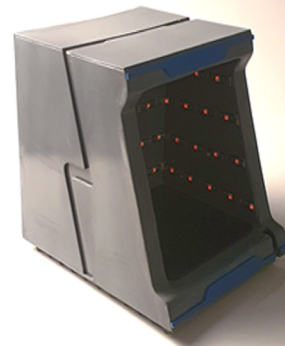
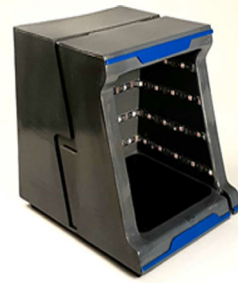
This new-norm era which has pros and cons, has made us a new generation that can be independent and can adapt with a new world. A common situation which we can picture is when we start to shop online. From a research that has been made, millennials (18 – 35 years old) are the age group that make shopping online most often. When a parcel packaging has arrived at the directed destination, most of them do not know how to take safety precautions. Sometimes they just straightly unbox the parcels and wash their hands. We cannot guarantee that the parcel is safe in terms of its hygiene aspect. Moreover, we have to be extra paranoid these days because of Covid-19 virus. In that case, UVios can help us to be more hygienic and save our time without having to disinfect the parcel using sanitizer first. UVios is a parcel disinfecting tool that uses UV-C based technology for users at home to prevent any virus infection.

How does this product actually work? When a courier service arrives in front of our house, UVios that has been turned on is placed there and the courier service staff has to put

the parcel (not more than 315mm x 315mm x 360mm) inside the product and it will start to gush out UV light. The light is specially designed to disinfect surfaces using UltraViolet-C which is used in hospitals to disinfect their tools, nail salons to harden their nail polish and baby bottle sterilizer used by moms at their homes. UVios helps these users especially housewives and youngsters to make their packages safe and free from any kind of virus including Cov-Sars-2. Therefore, they no longer have to waste time by doing virus prevention measures such as washing hands with soap, wearing hand sanitizer all the time or spraying their parcel using do-it-yourself sanitizer (a mixture of bleach and water) at every corner of the parcel.

This high-technology product can simply kill the virus within 30 minutes as said in Indian Journal of Medical Microbiology (2008), by G Katara, N Hemvani, S Chitnis, V Chitnis, DS Chitnis, “UV light can have efficient inactivation of bacteria up to a distance of eight feet on either side and exposure time of 30 minutes is adequate”. UVios does not need power supply from our home therefore causing an increase in our bills. Once it is purchased, there are no monthly or

UVIOS



yearly payments that have to be made. UVios is also a smart device that uses solar energy, absorbing from the sunlight in the day, then it turns into energy. The energy is then saved in a battery included inside the product. When the product senses an existence of weight inside of it, it gushes out the UV light and starts to disinfect the parcel inside it. This is where the secret lies.

The light will be automatically turned on because of the weight sensors beneath the platform. Next up, the reason why the designer made a choice to paint the artwork blue and grey is because it looks splendid based on its hi-tech partial style. Moving on to the next point, UVios word is actually derived from the letters ‘UV’ from the type of light used and ‘ios’ symbolizes a futuristic picture of the product. Overall, it has a very strong design, ergonomics and type of material used. UVios can help brighten our future and decrease the number of infections in this country.



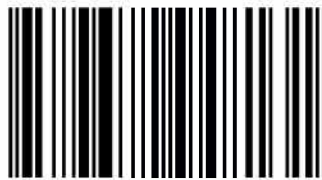
NAZURA MOHAMAD NAJIB
UVios

PVC board, LED light, Solar panel
440 mm x 505 mm x 460 mm
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