

Singapore's Delta launches UV light disinfection series against bacteria and viruses

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Delta featured its new Delta U+ Far-UVC Light Care 222 Series at Industrial Transformation ASIA-PACIFIC (ITAP) 2021



Singapore's Delta Electronics Int'l, has found an effective disinfectant way to inactivate viruses and bacteria on the surface of objects and in the air, for pandemic prevention. The shorter wavelength of new Delta U⁺ Far-UVC Light Care 222[®] Series emits UV-C 222nm light which is germicidal as it penetrates the DNA of viruses and bacteria.

Delta Electronics Int'l, a provider of power and thermal management solutions, featured a range of solutions at the fourth edition of the Industrial Transformation ASIA-PACIFIC (ITAP) on 22 to 24 November 2021. They include the new Delta U⁺ Far-UVC Light Care 222[®] Series, a line of UV light disinfection devices that comes in various styles and the U⁺ Disinfection Gate, installed at the entry point of the exhibition hall at the Singapore Expo.

The Delta U⁺ Far-UVC Light Care 222[®] Series employs the company's proprietary Care 222[®] technology from Ushio, a Japanese leader in special light-source technologies. Care 222[®] is a light source module that features contact and residuals free sterilisation to inactivate bacteria and viruses with ultraviolet light emitted at the wavelength of 222nm.

The apparatus modelled in varied forms like handheld device, desk and floor lamps, wall mounted device, for applications in hospitals, emergency rooms, screening areas, protective clothing zone for negative pressure isolation wards, and more.

Additionally, Delta's VIVOTEK Edge Computing COVID-19 Defender solution is combined with a facial reader feature for mask detection and temperature reading. The VIVOTEK Edge Computing COVID-19 Defender has an intuitive display for real-time data updates and a 3D people counting camera for occupancy control. Adapting to the post COVID-19 era, the all-in-one integration with low latency enables real-time monitoring at multiple facility entrances. It ensures social distancing in closed spaces, helping reduce the risk of infection.

Delta's smart green solutions foster sustainability in essential industries, such as manufacturing, buildings, and agriculture.