

It's a mobile UV-C device for disinfecting vehicle interiors, workplaces, for home and hotel use - Wherever you need to stay safe. The DISIbox is safe for skin and eyes ! It is not emitting UVC outside the box.

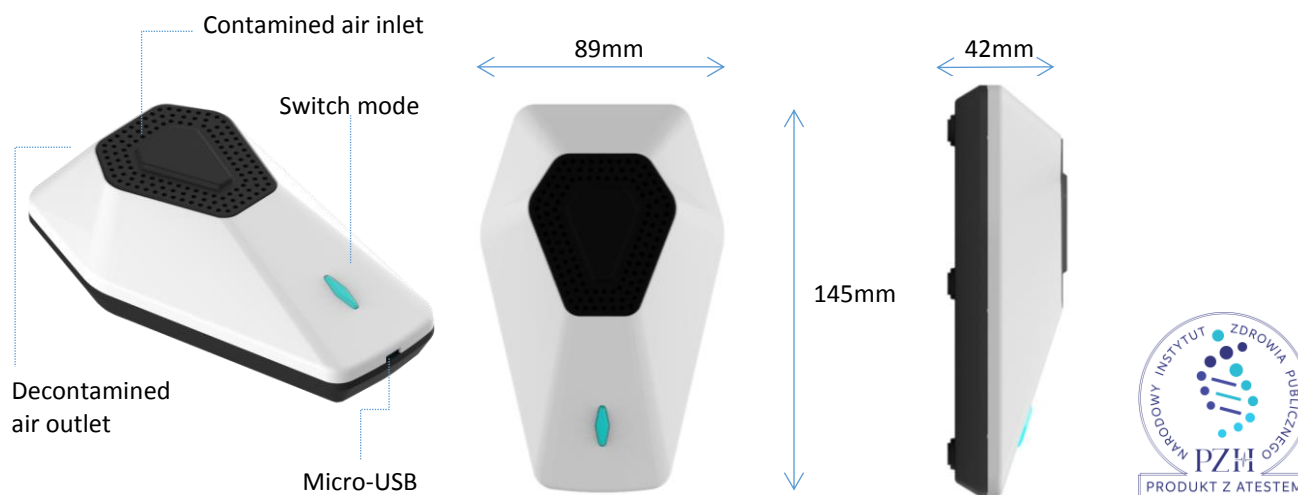
Device has been approved by the National Health Institute, National Institute of Hygiene in Warsaw, Poland, as a one of the most modern disinfectants on the market for sterilizing air in spaces exposed to pathogenic mites, bacteria and viruses.

Principle of operation

The DISIbox device use ultraviolet UV-C LED light source, permanent NANO-filter, which no need to be replace and no need additional costs. Nano filter is composite nickel mesh coated with bactericidal TiO₂ - Ag coating (Silver doped Titanium Dioxide) Negative ion generator, additionally ionizes the air around the device. The device is completely safe for human use, proved by laboratory tests. The airflow is the only noticeable sensation that the user may experience.

Triple action, closed in a safe box:

- UV-C ultraviolet waves, which eliminates bacteria, mites and viruses from the air.
- Special NANO - composite nickel mesh coated with bactericidal TiO₂ - Ag (Silver doped Titanium Dioxide), irradiated in the device with UV-C ultraviolet light , enhances photocatalytic effect, destroying cell membranes of microorganisms.
- Negative ion generator, releases a stream of oxygen anions which are like micro-lightning bolts. Killing viruses also in the space around the device and neutralize the dust on which microbes settle.



Specification:

Voltage/ Power adapter.....	DC5V/1A, Micro USB
Motor fan:.....	High-speed smoothly regulated PWM
Fan capacity :.....	Up to 10 m3/h
Energy consumption:.....	3.6W
Noise level:	30 dB
Storage temperature.....	-40 - +80 C
Dimension:	145*89*42mm
Weight:	270 g
Ion generator:	Yes
Concentration of ozone:	According to norm IEC 60335-2, 0,07x10/-6
Active disinfection system:	Ultraviolet 279 nm....UV-C LED
Filtration.....	Permanent, NANOMaterial, no need to be replacement and additional costs
Nanomaterial type.....	TiO ₂ -Ag Silver doped Titanium Dioxide
Certification.....	Yes, Hygienic Attestation, EU Conformity Declaration

DISIbox™

In very modern disinfection devices, the source of ultraviolet light, with the wavelength (270 - 280 nm) as the former mercury lamps, used e.g. for disinfecting hospital rooms. Nowadays it use high-power miniature UV-C LEDs. They maintain very high efficiency at low power consumption. This opens for scientists, technologists and designers new possibilities of using disinfection processes for everyday personal protection. Modern sterilization devices may be powered for example from a car cigarette lighter socket and **can be mobile !**