

UVC DESIGN

STERILIZATION SOLUTIONS

N E X I O N

e l e c t r o n i c s



OUTLINE

[Nexion.com](https://nexion.com)

**UVC
COMPONENT
01**

**UVC
AIR PURIFIER
02**

**UVC WATER
STERILE PIPE
03**

**UVC WATER
TANK MODULE
04**

**UVC STERILE
WATER CAP
05**

**UVC SURFACE
STERILE WAND
06**

**PORTABLE
UVCUBOID
07**

UVC COMPONENT

Nexion UVC LEDs — designed, assembled, and tested in Taiwan. Chips sourced exclusively from Taiwan-based wafer fabs.

DIMENSION:

(2 sizes)

-4.4 x 4.4 mm

-3.5 x 3.5 mm

WAVELENGTH:

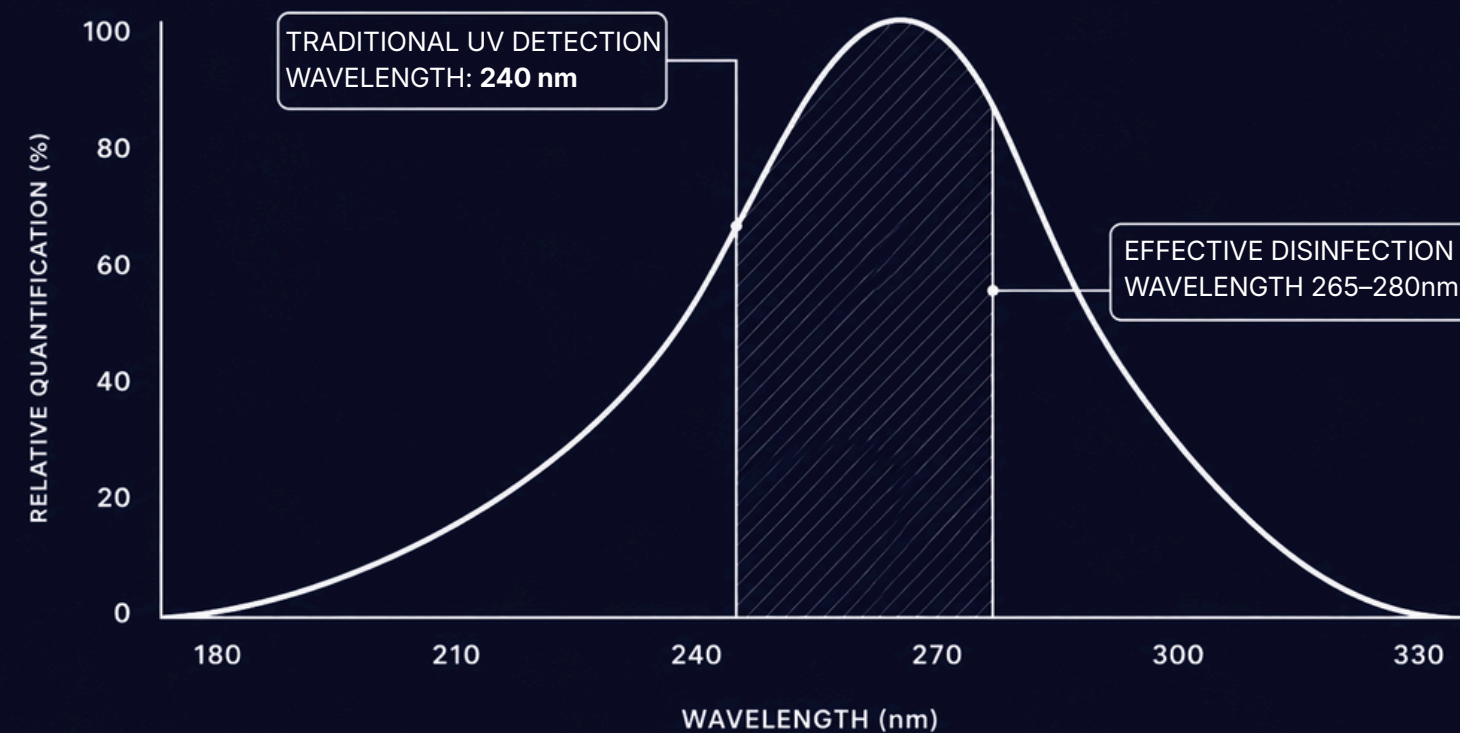
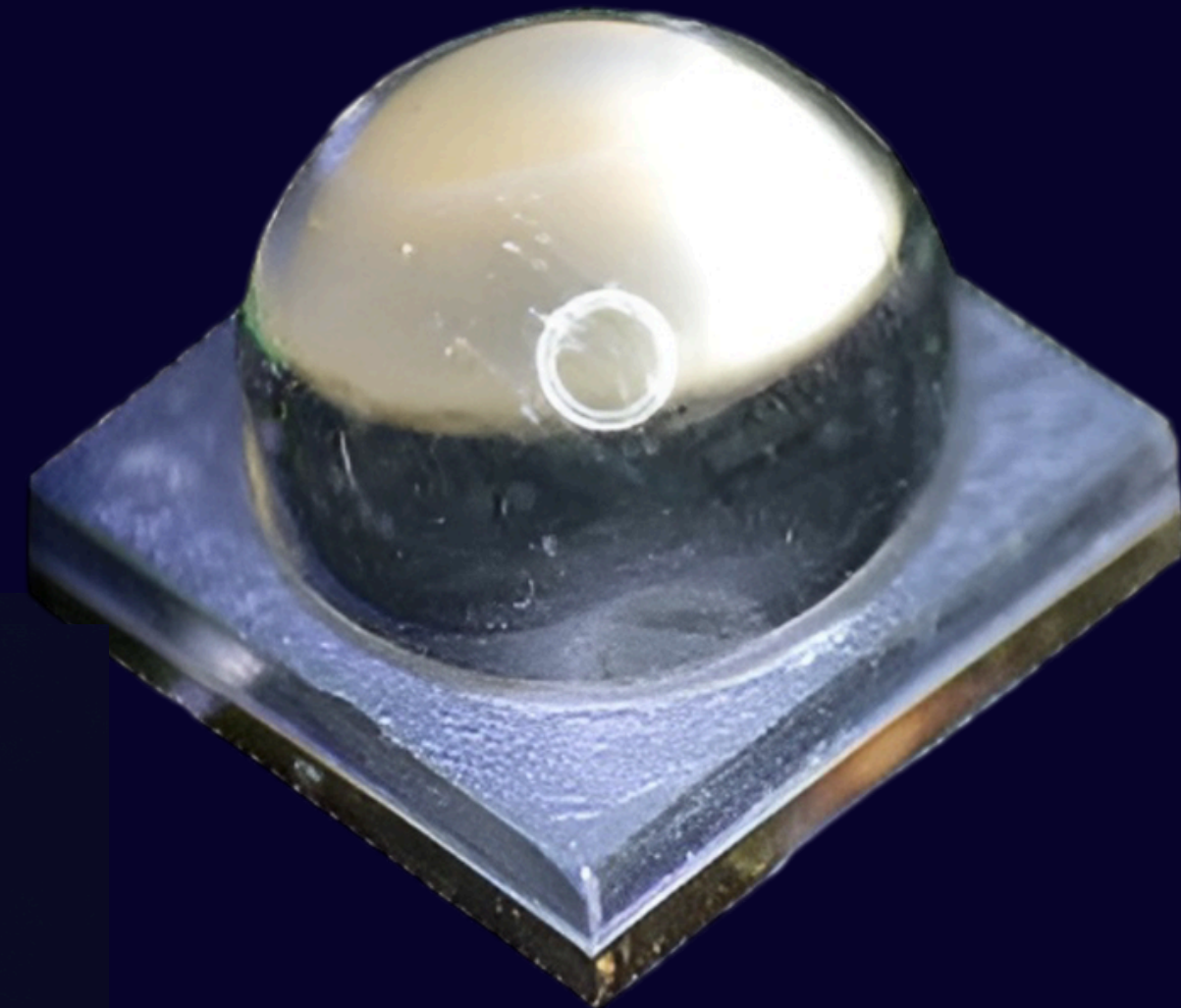
(2 types)

-265-278 nm

-278-280 nm

VIEWING ANGLE: 30° / 60° / 100° / 120°

FORWARD CURRENT: 30 / 50 / 100 / 150 mA



UVC-AIR PURIFIER

Tachai UVC sterilization module inside · dual-stage filtration

5 VDC
Input Voltage

1.5 W
Power
Consumption

280 g
Weight
(grams)

MODES:
Sleeping, Comfort, Efficient

CADR:
6.75 m²/h

PACKING SIZE:
70x70x180 mm

HEPA filtration grade H13 — Medical grade · 99.95% particle capture



UVC-STERILE WATER PIPE

APPLICATIONS:



household



Yacht piping

2 VARIANTS:

FLOW TYPE A

2 L/min
175 mm length

FLOW TYPE B

3 L/min
265 mm length

- **Voltage:** 12~24 VDC
- **Power Consumption:** <6W
- **Max. Operating Pressure:** 690 KPA
- **Inlet/Outlet:** 3/8" NPT connector

Aluminum Alloy
Radiator

Nexion.com

Aluminum Alloy
Shaft

Constant
Current Driver

PTFE casing

UVC – WATER TANK MODULE

APPLICATIONS:



Water dispenser
Drinking water tank



Dehumidifier
Collected water tank



Fish tank
Aquatic environment

MODULE WEIGHT

10 Grams

Ultra-lightweight

WATER RESISTANCE

IP68

Fully submergible

VOLTAGE:

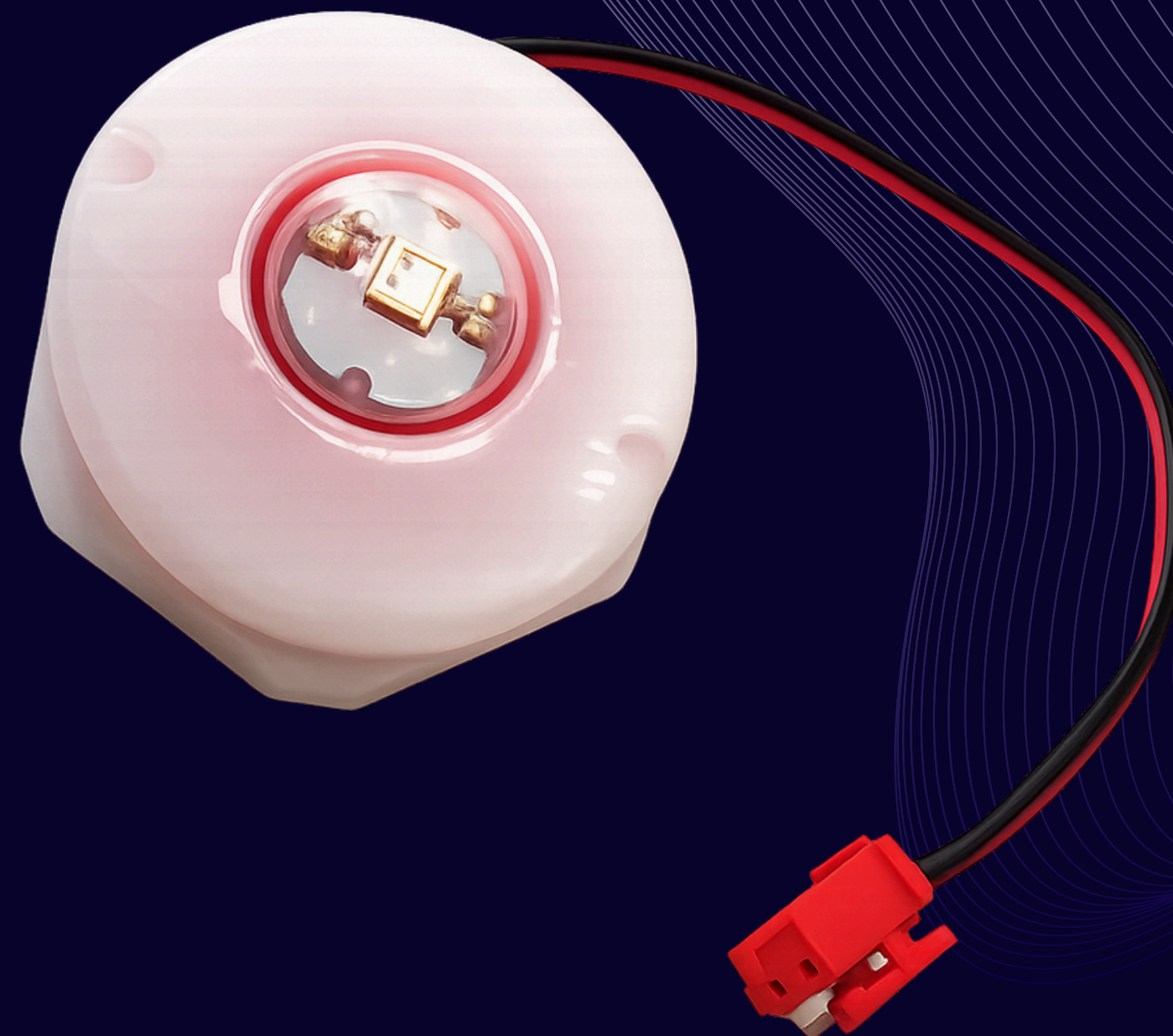
24 VDC

POWER:

3 mW

SIZE:

Φ35 mm



UVC – STERILE WATER CAP

**INPUT
VOLTAGE**
5 VDC

SIZE
66 x 66 x 44
mm

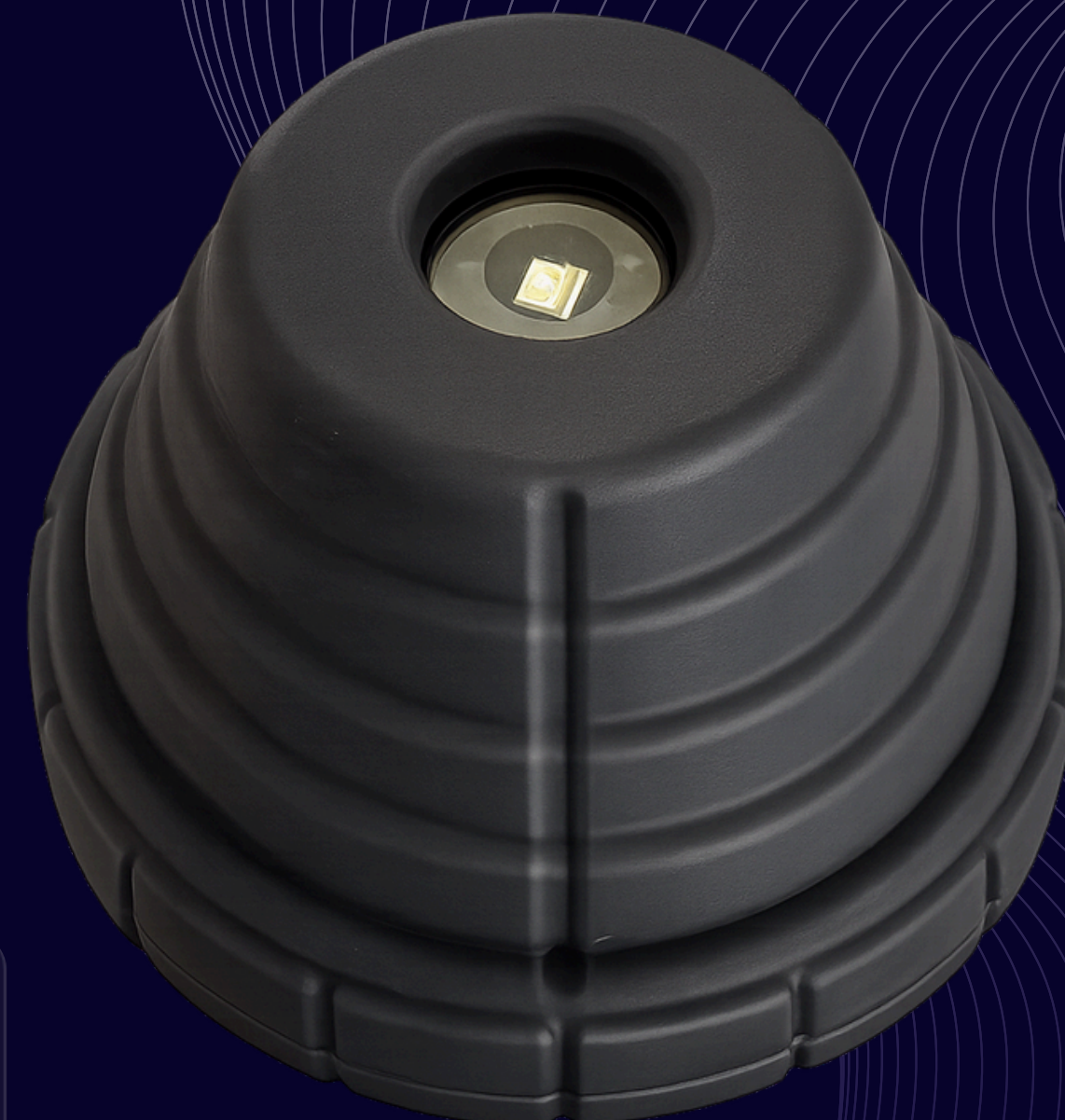
WEIGHT
70 g

**UV OPTICAL
OUTPUT**
20 mW

**NO REPLACEMENTS.
NO CHEMICALS.
NO FILTERS.**

90
sec

Clean water in under 90 seconds. Fits
cups and bottles of different diameters



UVC – STERILE SURFACE WAND

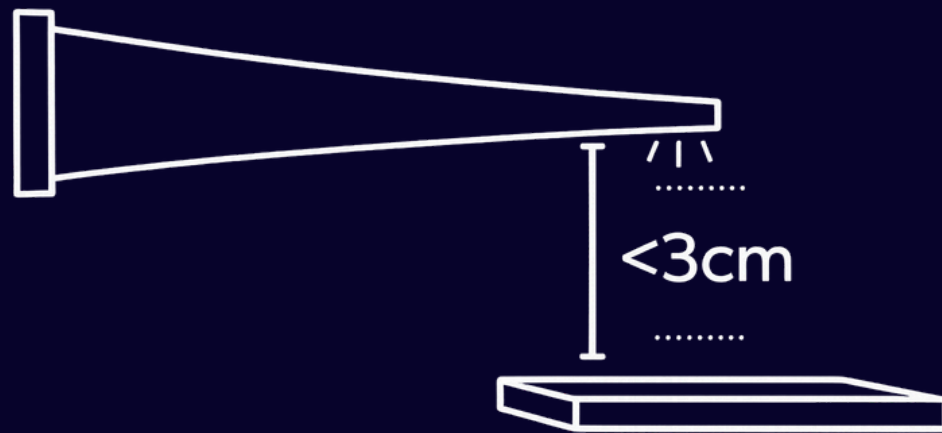
Personal UVC sterilization for everyday surfaces.
PERSONAL · POWERFUL · PORTABLE

5 VDC
Input Voltage

20 mW
UV optical
output

70 g
Weight
(grams)

165 mm
40 x 56
mm



Tested against
SARS-CoV-2
& common pathogens



UVC – PORTABLE UVCUBOID

Sterilize your everyday items anywhere, anytime

Mobile · Glasses · Keychain...



Anywhere, anytime.

Compact enough to carry daily
sterilize your most-touched items in minutes.

No chemicals. No filters. Ever.



5 VDC
Input voltage

1.5 W
Power

370 g
Weight

226 mm
124 × 56 mm

Your sterilization solution **starts here.**

Contact us and get your optimal sterilization solution.



www.nexionelectronics.com



info@nexionelectronics.com



(+34) 93 382 15 47



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