

# UV Radiometer 1.0

## GUVx-T1xGS-3LW10



### Description

It inform the UV power of UV source through the LCD using UV Sensor. You can choose the sensor part by your application.

### Constitution

Display, Adapter, Sensor Probe, Connection Cable, Output Line

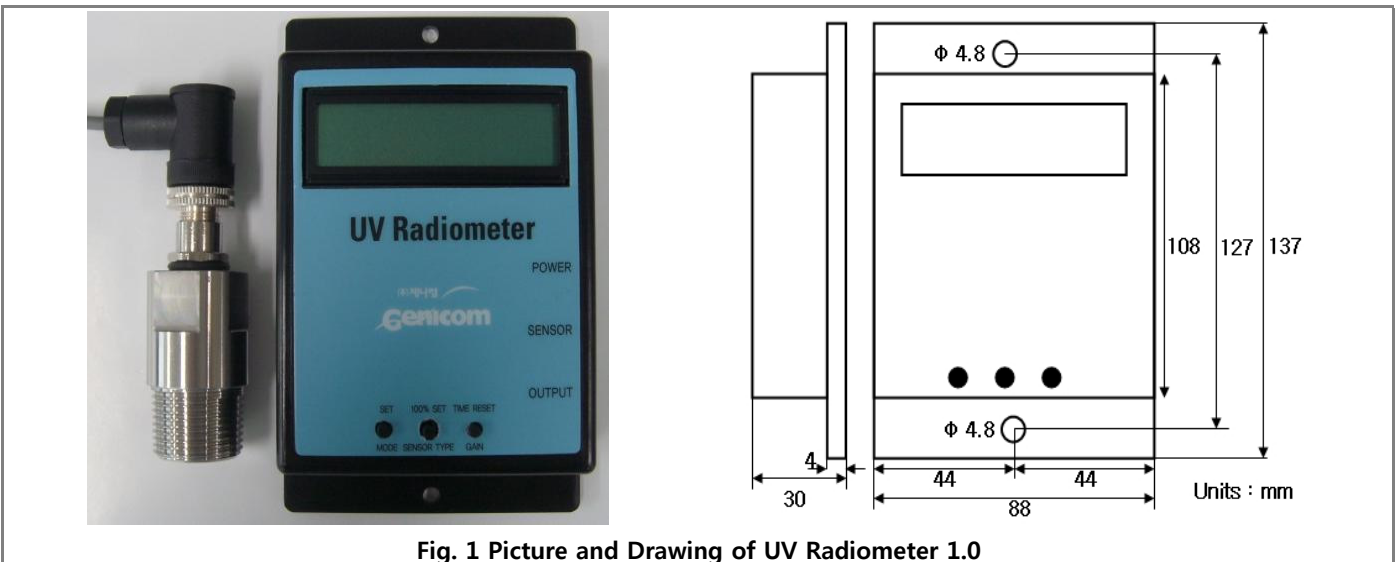


Fig. 1 Picture and Drawing of UV Radiometer 1.0

### Case dimensions

| Thread/Length for Mounting | Diameter (mm) | Window (mm) | Wrench Size(mm) | Length (mm) | Weight (g) | Connection Cable(m) | Body (stainless steel) |
|----------------------------|---------------|-------------|-----------------|-------------|------------|---------------------|------------------------|
| PT3/4 "/16mm               | 30            | 7           | 26              | 62          | 200        | 5                   | 316-L ( 1.4404 )       |

### Information of UV Radiometer

| Parameter             | Value            |      |      | Unit | Remark |            |
|-----------------------|------------------|------|------|------|--------|------------|
|                       | Min.             | Typ. | Max. |      |        |            |
| Operating Temperature | -15              |      | 65   | °C   |        |            |
| Power Consumption     |                  | 0.13 |      | A    |        |            |
| Detection Range       | GUVV-T11GS-3LW10 | 230  |      | 395  | nm     | 10% of Max |
|                       | GUVB-T12GS-3LW10 | 220  |      | 320  | nm     | 10% of Max |
|                       | GUVC-T11GS-3LW10 | 220  |      | 280  | nm     | 10% of Max |

### Connection

- Main Power
  - DC 9V 300 mA (AC220V 50/60 Hz Adapter)
- Detection Power Range
  - Standard : Max. 100 mW/cm<sup>2</sup>
  - Option : Max. 10 mW/cm<sup>2</sup> , Max. 1000 mW/cm<sup>2</sup>
- Output
 

It depends on UV power of UV source.

  - Voltage : 0 ~ 5 V, 0.1A Max.
  - Current : 4 ~ 20 mA, 5V

### LCD Display

[ MODE : UVA R.P. ]  
 [ DATA : 100 % ]

1st Line : Sensor Type & Function

- Sensor Type : UVV/UVA/UVB/UVC
- Function : Using Mode Button
  - A.P. : Absolute Power (unit : mW/cm<sup>2</sup>)
  - R.P. : Relative Power (unit : %)
  - Time : Cumulative Time

2nd Line : Data According To The Each Functions