

# UV Radiometer 2.0

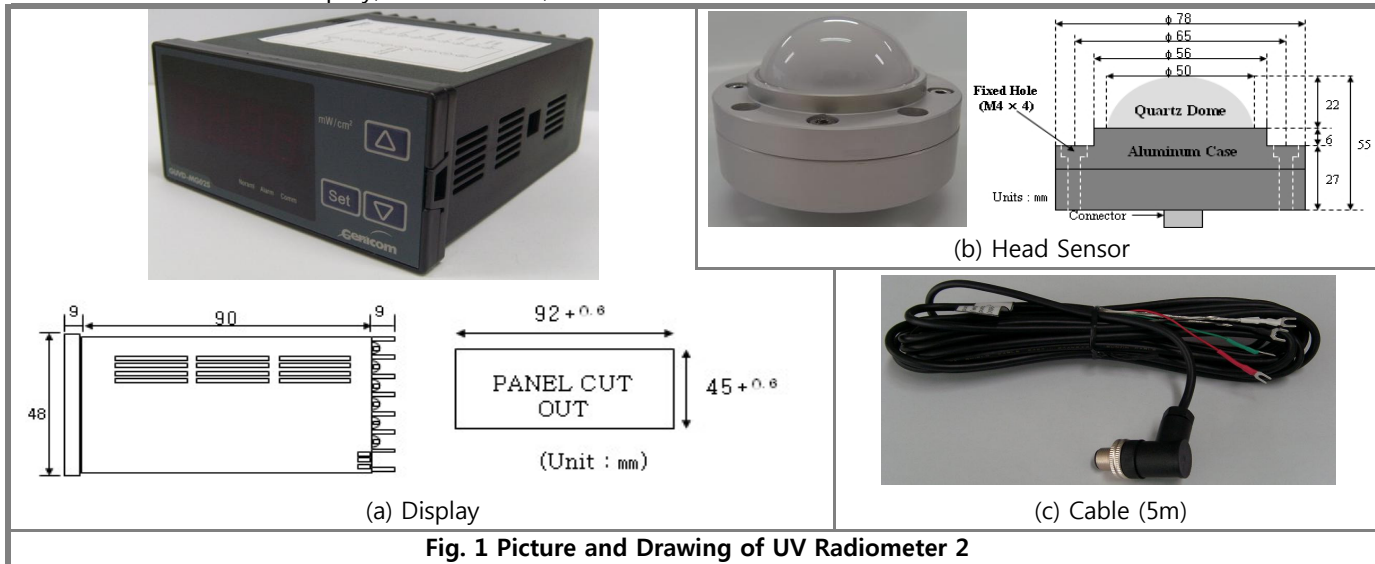
## GUVx-S1xSS2-I8H3

### Description

Check the UV Power of Sunlight with Head Sensor, Output of Display : Relay, 4-20mA Current

### Constitution

Display, Head Sensor, Cable



### Case Dimensions

| Display                       |                                   | UVA Head Sensor |              | Cable Length (m) |
|-------------------------------|-----------------------------------|-----------------|--------------|------------------|
| Size                          | Panel Cut Out                     | Size            | Window       |                  |
| 95 × 48 × 118 mm <sup>3</sup> | 92×45 mm <sup>2</sup> (-0,+0.6mm) | Φ 78 × 55 mm    | Φ 50 × 22 mm | 5                |

### Absolute Maximum Ratings

| Parameter             | Value |      |      | Unit | Remark      |
|-----------------------|-------|------|------|------|-------------|
|                       | Min.  | Typ. | Max. |      |             |
| Operating Temperature | -30   |      | 85   | °C   | Head Sensor |
|                       | 0     |      | 50   | °C   | Display     |
| Power Consumption     |       |      | 5    | VA   |             |

### Electro-Optical Characteristics (at 25 °C)

| Model No.        | Parameter  | Value |      |      | Unit               | Remark |
|------------------|------------|-------|------|------|--------------------|--------|
|                  |            | Min.  | Typ. | Max. |                    |        |
| GUVA-S12SS2-I8H3 | Wavelength | 220   |      | 370  | nm                 |        |
|                  | Power      | 0     |      | 50   | mW/cm <sup>2</sup> |        |
| GUVB-S11SS2-I8H3 | Wavelength | 220   |      | 320  | nm                 |        |
|                  | Power      | 0     |      | 20   | UVI                |        |

### Connection (Backside of Display)

1. Main Power : 1 & 2, AC 100 ~ 240 V 50/60 Hz
2. Sensor Probe : 11(Vcc), 12(GND), 6(Sensor output), 5(GND)
3. Relay : 13 & 14 (Normal), 15 & 16 (Alarm)
4. 4-20 mA Current Output : 17(+), 18(-) Option