

UVC Radiometer

GUVC-T10GS-AC01



Description It inform the UVC power of UV source through the LCD using UV Sensor.

Constitution Display part, Sensor part, and 3 Lines (Power Line, Connection Line, Point of Contact Line)

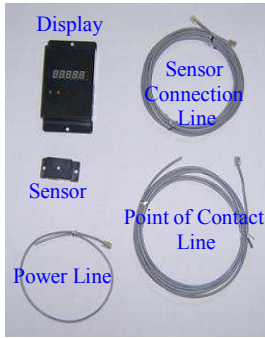


Fig. 1 Component



Fig. 2 Example of Display Part's Cover

Size Display (138 × 79 × 30 mm³), Sensor (60 × 30 × 24 mm³)

Absolute Maximum Ratings

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Supply Voltage		5		V	
Supply Current			0.2	A	
Operating Temperature	-15		65	°C	

Characteristics (at 25 °C)

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Detection Range	200		280	nm	10% of Peak
Detection Power Range	1		2,475	μW/cm ²	

Connection

There are 3 connection ports in Display.
From top, Power, Point of Contact, Connection lines.

1. Power Line (30 cm)
 - +5V (Red), GND (Black)
2. Point of Contact Line (30 cm)
 - Red & Black line
 - Normal Open Mode
 - Short Condition : Under 50% power & Over 10,000 hrs
3. Sensor Connection Line (5 m)
 - Directly connect to sensor from display

Function

If you push the mode button, display and sequence of LED on right side will be changed.

- 1) 1st Red LED on : Absolute Power
- 2) 2nd Red LED on : Relative Power
- 3) 3rd Red LED on : Cumulative Time

Set & Reset Method

- 1) Power Setting : If you push the this button over 3 sec., power of that time will be 100%.
- 2) Time Reset : If you push the this button over 3 sec., relative time will be zero.