

UV Radiometer 5.1

GUVx-T1xGS5.1-LA6



Features

- Display : Absolute Power(AP), Relative Power(RP), Accumulative Time(AT), Max power, Dose display (mJ/cm²)
- Output : DC voltage(1~5V) , Current output(4-20mA) , RS 485 communication , Relay (N/O, N/C)

Applications

UV Curing Lamp Monitoring

Sterilization Lamp Monitoring

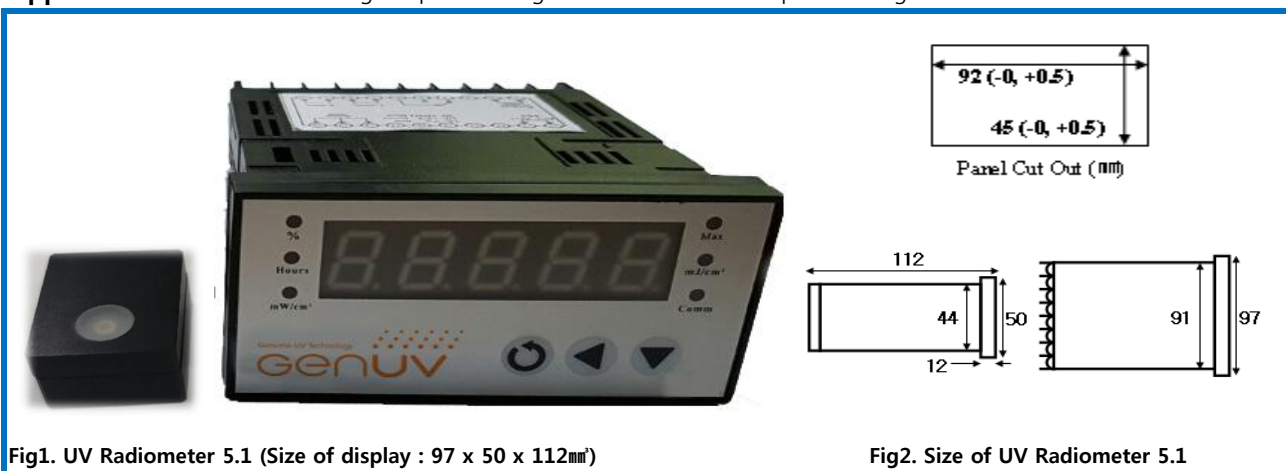


Fig1. UV Radiometer 5.1 (Size of display : 97 x 50 x 112mm)

Fig2. Size of UV Radiometer 5.1

Sensor probe dimensions

Size(mm ³)	Window(mm)	Weight(g)	Case Material	Cable Length(m)
36 x 30 x 16	12	40	AL-60	5

Feature : detachable Connection cable , Adjustable Detection Range (Variable Resistor)

Absolute Maximum Ratings

Parameter	Value	Unit	Remark
Operation temperature	-30 ~ 85	°C	Sensor probe
	0 ~ 50	°C	Display
Working humidity	35 ~ 85	%Rh	Display
Power supply	85 ~ 265	VAC	50/60 Hz

Electro-Optical Characteristics (at 25 °C)

Parameter	Min	peak	Max	Unit	Remark	
Detection Power Range	0.1		100	mW/cm ²		
Detection Range	GUVV-T10GS5.1-LA6	230	365	395	nm	10% of Max
	GUVA-T11GS5.1-LA6	220	350	370	nm	
	GUVB-T11GS5.1-LA6	220	300	320	nm	
	GUVC-T10GS5.1-LA6	220	254	280	nm	
	GVBL-T12GS5.1-LA6	330	385	445	nm	

* Measuring range can be changed by customer's Request

Function

- Display : Absolute Power (mW/cm²), Relative Power (%), and Accumulative Time (Hours) , Max power(mW/cm²), Dose display (mJ/cm²)
- Output : DC Voltage (1~5V DC) , Current output (4 - 20mA, 300Ω max load) , Relay(NC/NO, 250VAC 3A /30VDC 3A), RS485 Communication