

# UV Radiometer 2.0

## GUVx-T1xGS2-xLO1

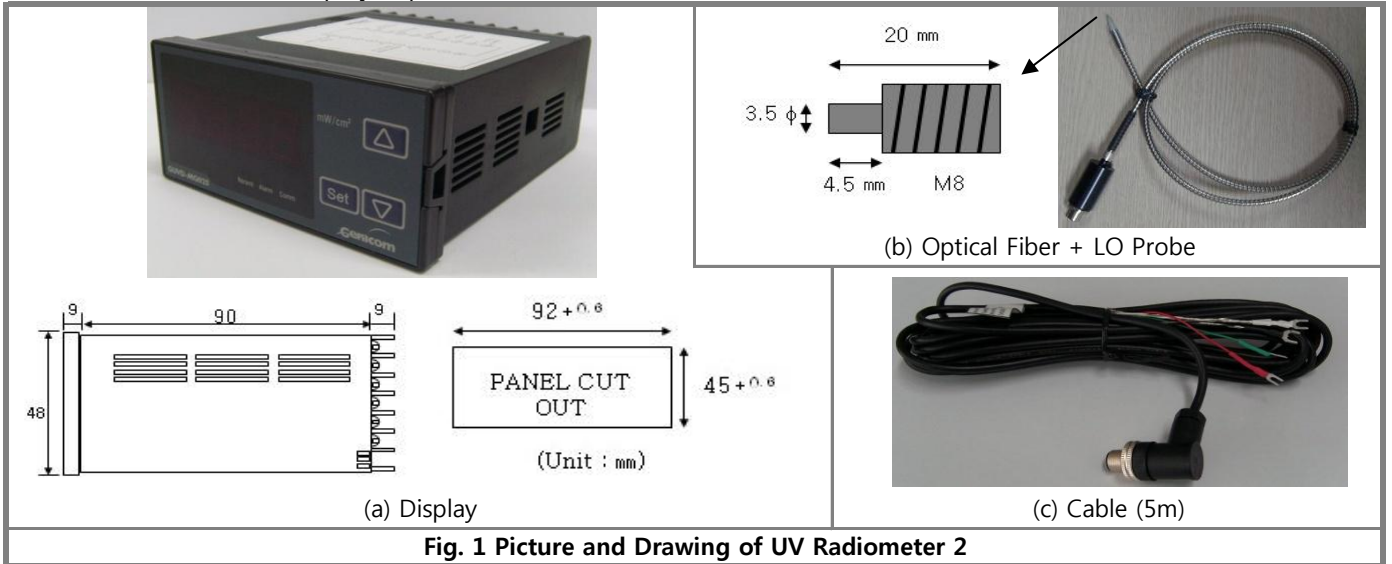


### Description

High Temperature Environment (under 200°C), Output of Display : Relay, 4-20mA (Option), RS485 (Option)

### Constitution

Display, Optical Fiber + LO Probe, Cable



### Case Dimensions

Display		LO Probe Diameter	LO Probe Length (mm)	Optical Fiber Length
Size	Panel Cut Out	(mm)		(m)
95 × 48 × 118 mm <sup>3</sup>	92×45 mm <sup>2</sup> (-0,+0.6mm)	20	56	1 (±10cm)

### Absolute Maximum Ratings

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Operating Temperature			200	°C	Optical Fiber
	-30		85	°C	LO Probe
	0		50	°C	Display
Power Consumption			5	VA	

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

Parameter		Value			Unit	Remark
		Min.	Typ.	Max.		
Detection Range	GUVV-T11GS2-3LO1 / I8LO1	230	350	395	nm	Vout or Iout
	GUVB-T12GS2-3LO1 / I8LO1	220	300	320	nm	
	GVBL-T12GS2-3LO1 / I8LO1	330	385	445	nm	
Detection Power Range		0		1000	mW/cm <sup>2</sup>	

### 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 (Option) : 17(+), 18(-)
5. RS485 (Option) : 19(A), 20(B)