

# 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

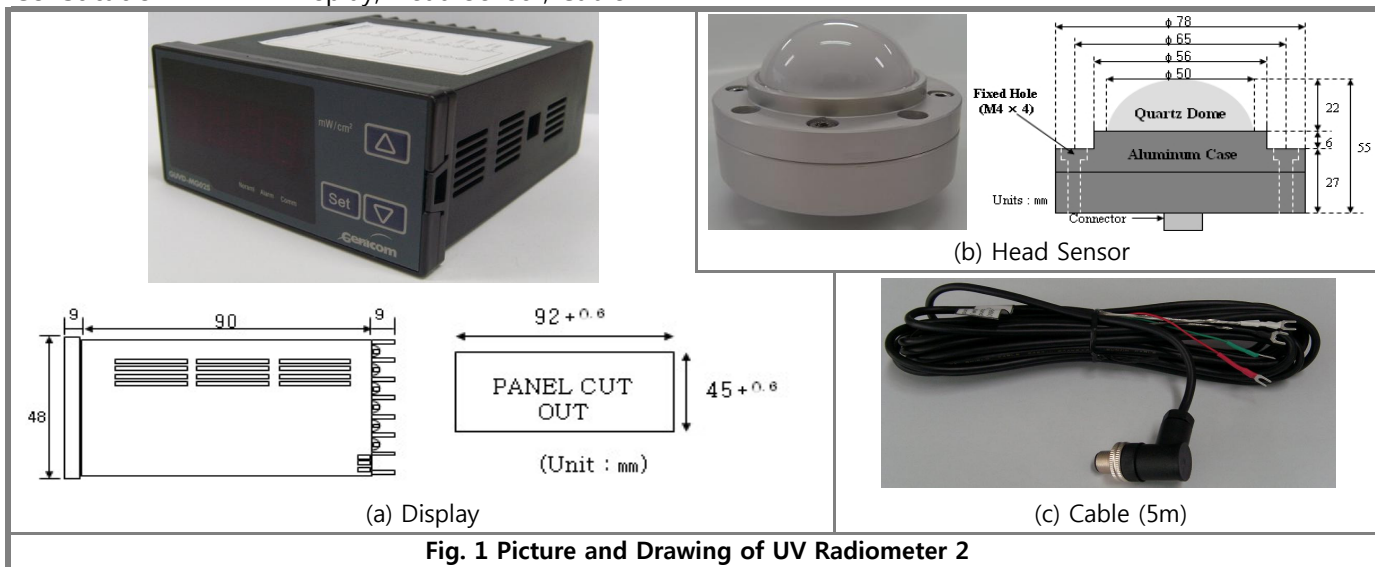


Fig. 1 Picture and Drawing of UV Radiometer 2

### 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