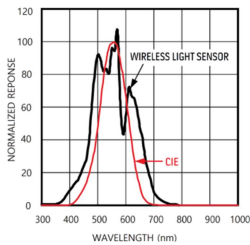
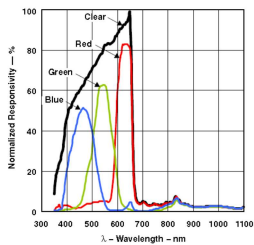




The wireless Light/RGB/UV sensors is a sensor that can conduct experiments related to optics by measuring wavelengths from the visible light range to the ultraviolet range. Ultraviolet index (UVI), RGB, and illuminance can be easily changed using buttons.



Spectral responsivity of ambient light



Spectral responsivity of the RGB sensor

It supports both Bluetooth classic mode and low power mode, so it can be used on various smart devices, and can also be connected to a PC via USB.

You can use various functions through the dedicated app (Science#).

* Download 



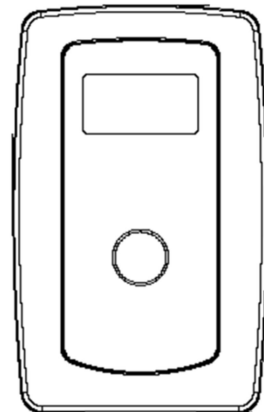
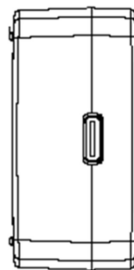
Technical data

Measurement performance	Range	0 ~ 188,000 Lux 0 ~ 65535 RGB 0 ~ 11 UVI
	Resolution *	Varies Exponentially Lux 1 RGB 0.1 UVI"
	Accuracy	±10% of Reading
	Sampling Rate	100 Samples/second
General Conditions	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.5W
	Power Requirements	USB (DC 5V, 0.5A)
	Battery life **	Approximately 12 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	-20 to 60°C, Max. 85%RH
	Compliance	EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, SMD070
Mechanics specifications	Dimension(WxLxH,mm)	80 * 50 * 24.7 mm
	Weight	58 g (2 oz)
	Housing Materials	PC+ABS
	Housing Protection	IP30

* This resolution can be viewed through the Science# application.

** Battery life varies by use, configuration, temperature, and many other factors; actual results will vary.

Product Appearance Design



Notices

- This product is to be used for educational purposes only. It is not appropriate for industrial, medical, research, or commercial applications.
- Our products and the contents are subject to change without any notice. In consequence we cannot assume responsibility for any consequential or other damage resulting from the use of this instrument.

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