

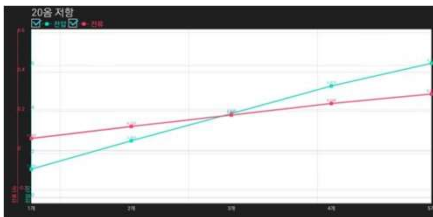


This wireless voltage sensor is a sensor that measures the difference in potential between two points on an electrical circuit. The voltage is displayed as a number on the LCD panel via an analog-to-digital conversion circuit.

When using this Wireless Voltage Sensor to measure the voltage by decorating the electric circuit using various materials such as dry cell, nichrome wire resistance, carbon resistance, LED, small bulb, etc. Up to 4 sensors can be connected simultaneously, so you can use it easily in complex experiment environments.

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 



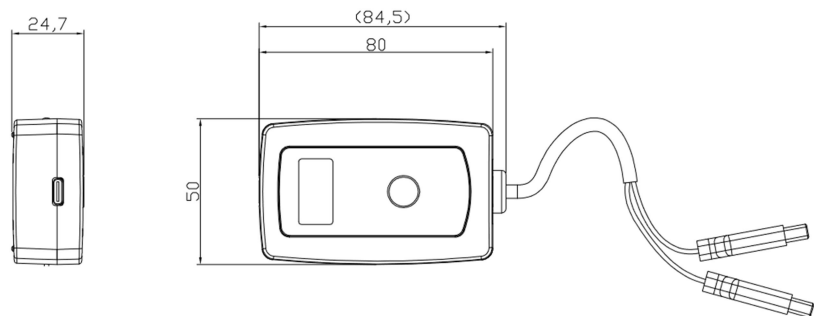
## Technical data

<b>Measurement performance</b>	Range	-15.0 ~ +15.0V
	Resolution *	0.002 V (Logging using science#)
	Accuracy	0.1% (FS 0.2%)
	Sampling Rate	100 Samples/second 1,000 SPS (@USB)
<b>General Conditions</b>	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.55 W
	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	KC : R-R-KDY-WL101V EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, RE202-SMD070
<b>Mechanics specifications</b>	Dimension(WxLxH,mm)	450 * 50 * 25 Body 80 * 50 * 25 Probe Pair * 300
	Weight	77 g (2.7 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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