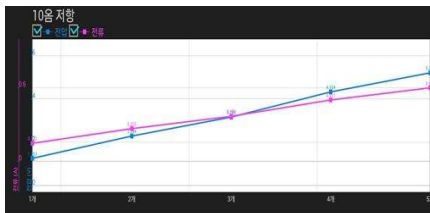




ScienceCube Wireless Current Sensor is that a wire with a unique resistance value is measured using a voltage proportional to the current according to Ohm's law. It can be used for Ohm's law experiment with voltage sensor or for magnetic resistance test of electric resistance or current and since it is a wireless sensor, no connecting cable is needed. 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 



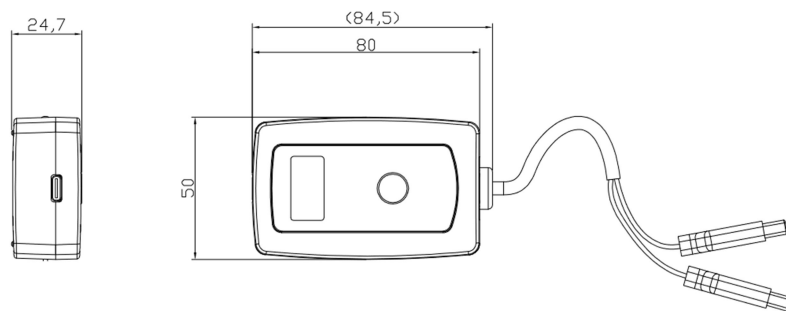
Technical data

■ Measurement performance	Range	-3.0 to +3.0A
	Resolution *	0.001 A
	Accuracy	0.3%(FS 1.0%)
	Sampling Rate	100 Samples/second
	Response time	1,000 SPS (@USB)
■ General Conditions	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.55W
	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-WL102C EN 61326-1, EN 55011, EN 55032, EN 301. Ⓜ R202-SMD070	
■ Mechanics specifications	Dimension(WxLxH,mm)	450 * 50 * 25 mm 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.

Revised Jan. 2024