



## Welle - A Smart Interface Controller

SKU 109990326

### Description

Welle is a smart device that instantly turns any surface into a smart controller using embedded Sonar and a highly sensitive touchless gesture control algorithm. It gives you the ability to use simple gestures to control your favorite IoT device and software applications via Bluetooth.



- Connect via Bluetooth


Embedded Sonar
- APP for Android and IOS devices


Self-defined Gestures & multi-gestures
- Open API for secondary development


Control any devices anywhere instantly

Welle uses refined Sonar technology to instantly turn any surface into a smart controller. Sonar is widely used the fields of military, automotive and drones. Sonar transmits signal pulses and collects the reflected energy back from targets. The characteristics of the echoes are extracted and then translated into different instructions to Internet of Things devices using an advanced hardware design and software algorithms.

**Features :**

- BLE Compatible
- ARM Cortex - M4 single-core 168MHz 192KB RAM with FPU
- 10cm in front of device
- Portable and easy to carry
- Battery including
- Long standby time

**Principle of the futuristic tech:**

	Infrared	Vision	Ultrasonic	E-field	Radar
Recognition Distance	CM	M	M	CM	M
Light Effects	Easier	Easy	None	None	None
Power Consumption	300mW	2W	20mW	100uW	60mW
Cost	\$	\$\$\$\$	\$\$	\$\$	\$\$\$
Star Rating	☆	☆☆	☆☆☆	☆☆	☆☆

**Dimensional Drawing:**

<https://www.seeedstudio.com/upload/image/20180203/1517649838132947.jpg>

Technical Details

Dimensions	75mm x 17mm x 35mm
Weight	G.W 28g
Battery	Exclude

*Part List*

Welle	1
Micro USB Cable	1
User Manul	1





