Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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	APP	👆	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
ARMCortex - M4 single-core 168MHz 192KB RAM with FPU
10cm in front of device
Portable and easy to carry
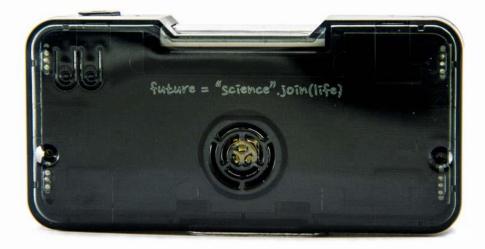Battery including
Long standby time

Principle of the futuristic tech:

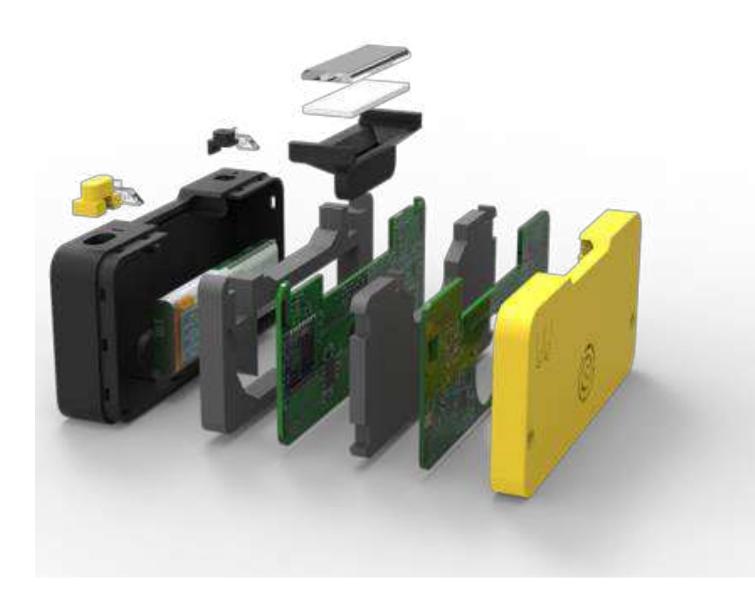|	Infrared	Vision	Ultrasonic	E-field	Radar
Recognition Distance	CM	M	M	CM	M
Light Effects	Easier	Easy	None	None	None
Power Consumption	300mW	2W	20mW	100uW	60mW
Cost	$	$$$$	$$	$$	$$$
Star Rating	☆	☆☆	☆☆☆	☆☆	☆☆

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

future = "science".join(life)