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S.A.V.E.-Safety and Vitals Emitter

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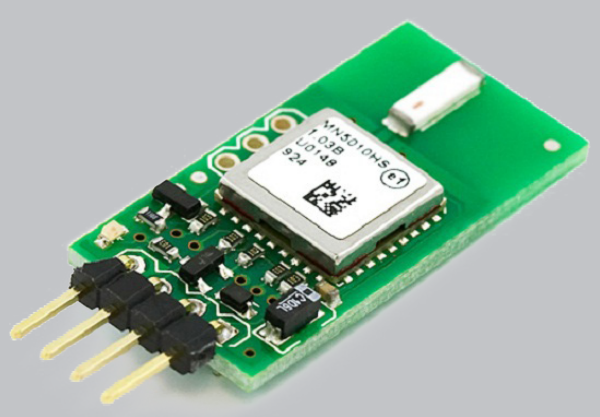
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S.A.V.E.

Safety And Vitals Emitter

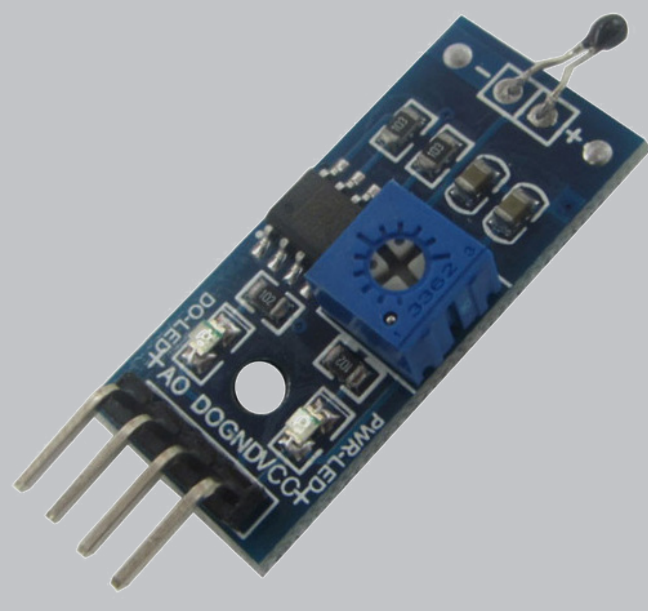
Nexus Maximus 2017 | Orior Team 2
In collaboration with



(A)



(B)



(C)

Specifications

- Material
 - Anodized Aircraft-grade Aluminum
 - Thermoplastic Polyurthane
 - Nylon
- Network
 - Ultrasonic Proximity Location Tracking
 - Infrared Thermal Imaging
- Sensors
 - Thermal Sensor Module
- Battery
 - Built-In Single Cell Lithium-Ion Battery
 - 140 mAh replacable battery

Price Breakdown

- (A) GPS Tracking Chip - <\$5.00
- (B) Lithium Ion Batteries - <\$1.00
- (C) Thermal Sensor Module - <\$5.00

Overall Price - \$15.00

The plan is to have assistance from the state and federal governments to subsidize our product alongside government organizations such as FEMA. Our products are intended to be used on a global scale with further discussion and research.

What is S.A.V.E.?

The Safety and Vitals Emitter is a series of devices that will assist in locating individuals during times of crises and natural disasters. More specifically it will help first responders and rescue teams to locate those who need to be rescued.

How does it work?

S.A.V.E. is a device which uses ultra sound technology, and infrared thermal imaging to pick up heat signatures which can be used to locate people during a natural disaster. The technology in this device is using these two technologies together cohesively to make each other more efficient. The ultrasound detection "hears" what we cannot hear, and the infrared imaging "sees" what we cannot see. The infrared imaging will pick up heat exchanges in certain areas, this makes it easier for rescuers to quickly determine areas where people can be trapped. This saves both time, which some people in need may not have. The heat exchanges are then located using the ultra sound technology to ping the exact locations of people in need of rescue. These two technologies work simultaneously with the S.A.V.E. device. The location of these people are than transmitted to a black box located in several areas around the city in save locations for rescuers to find and use to locate victims of natural disasters.

How will it help me?

Our service will maximize the efficiency of rescue teams, which in turn means maximizing your chances during times of crisis. S.A.V.E. will find your location in proximity to a series of black boxes which will be scattered around the city. Through its use of checking for a heat signature and the location of the device, it can warn first responders of where to first search for survivors.



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Example of the S.A.V.E. System

