

## **Organization Profile Form**

**Date: Jan 20, 2017**



Organization name: Hydronalix, Inc.

Logo:

Hydronalix is a developer and Manufacturer of manually controlled rescue robots to fully autonomous mobile buoy platforms with advanced sensor payloads.

---

Founded in 2009, Hydronalix has become a recognized leader and international symbol in robotics innovation for beach and flood rescue with our successful patented Emergency Integrated Lifesaving Lanyard (EMILY) product line. We have 11,000 square feet of engineering, office, and manufacturing space in Sahuarita, AZ, and test and evaluation facilities in San Diego and Los Angeles, CA. Company sales are both domestic and overseas with export distribution in over 35 countries throughout Asia, Europe, the Middle East, and the Americas.

---

### **Products and Services:**

- EMILY rescue robot for aggressive surf rescue missions. 12 kg weight with 22 mph performance and battery power for 60-70 rescue missions at 150 meters each.
- Swift Water Rescue EMILY for fast river and flood missions. Operates with tow line and carries a lifejacket, helmet, night navigation lights, day/night camera with feed to smart phone or tablet and capable of 38 mph speeds for very fast flowing river current.
- SONAR EMILY for underwater search and recovery missions. 15 kg weight with Hummingbird IO12 imaging side scan, multi-beam, and single beam imaging sonar. Battery life of 5-6 hours for extended search missions. Simple launch and recover operation for both day and night missions. Ideal for fast response in areas difficult or impossible to operate manned watercraft.



