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SWARM DIVER MICRO USV/UUV



The Aquabotix SwarmDiver™ is smart, small and easily deployable. Multiple SwarmDivers can function simultaneously as a single coordinated entity, be easily controlled via one operator on the surface, and perform dives on command to collect valuable intelligence. The SwarmDiver's innovative design delivers rugged reliability and unsurpassed accuracy—making it an essential and cost-effective solution for applications requiring specialized sensors and other payloads in defense, oceanography, aquaculture, research and hydrographic survey.



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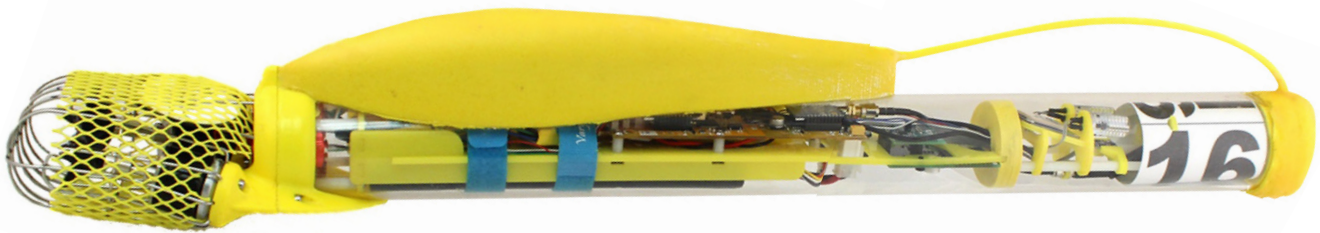
**A Q U A
B O T I X**

SWARM TECHNOLOGY

MANY VEHICLES. ONE OPERATOR.

Swarm technology uses communication protocols and algorithms that allow communication among multiple vehicles. High-level commands are easily delivered via an intuitive GUI, enabling an entire fleet of SwarmDivers to remain in constant contact with each other—a simplified control experience that lets the operator interact with the swarm as a single entity.

VEHICLE OVERVIEW



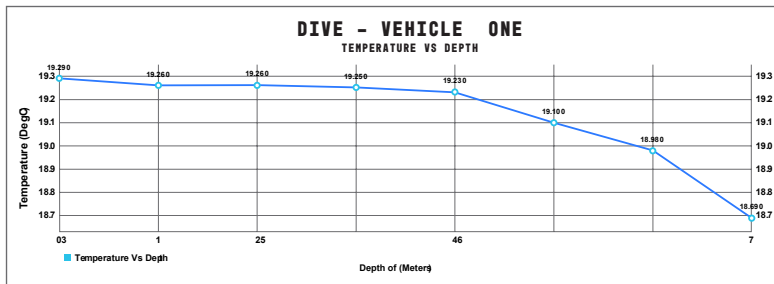
PRODUCT FEATURES

- Autonomously or Manually Deployable from Any Platform of Opportunity
- Easy Recovery
- Vertical Dive Capability up to 50m Dive Depth
- Wireless Data Feedback Upon Surfacing
- High-Accuracy Temperature & Pressure Sensor
- Additional Payload and various Sensors Available
- Multi-Constellation GPS
- +/-2.5m Location Accuracy
- Operable in Groups for Synoptic Data Gathering
- Sustained Surf Zone Operation

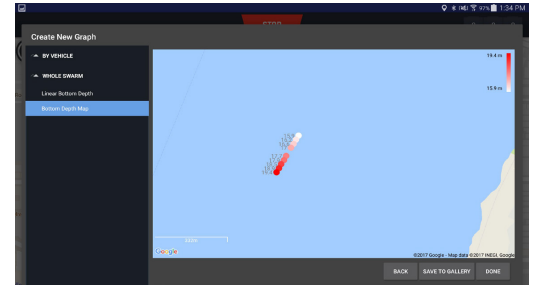
* All specifications subject to change.

TRANSMITTED DIVE DATA

SINGLE VEHICLE



MULTIPLE VEHICLES



TECHNICAL SPECIFICATIONS

LENGTH:
0.75M/29.5"

BEAM:
0.13M/5.1"

WEIGHT:
1.7KG/3.7LB

ENCLOSURE OD:
57MM/2.25"

DRAFT:
0.45M/17.7"

DIVE DEPTH:
50M/164'

SPEED:
UPTO 2.2M/S
OR 4.3KNOTS

ENDURANCE:
UPTO 2.5HOURS
OR 7KM/4.3MILES

COMMUNICATIONS:
DUAL RADIO
(900MHZ/2.4GHZ)

PRODUCT APPLICATIONS

SwarmDiver can be customized for applications in various missions, such as:

1

**ENVIRONMENTAL
MONITORING**

2

**MINE &
ORDNANCE
DETECTION**

3

**TARGET
DESTRUCTION,
DISABLEMENT,
NEUTRALIZATION**

4

**DECOY
SYSTEMS**

5

**STEALTHY DATA
TRANSFER**

* All specifications subject to change.

SWARM DIVER
MICRO USV/UUV

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