



# AQUA EYE

FAST SONAR FOR FIRST RESPONDERS



**AquaEye Pro** is a rapidly deployable handheld active sonar system designed to locate drowning victims within minutes of dispatch. AquaEye Pro is trained to recognize the unique characteristics of a human in the water, marking their exact location on a built-in easy-to-read screen enabling a rapid rescue. Unlike traditional imaging sonar, which is slow to deploy and requires extensive training to interpret, AquaEye Pro is intuitive and fast, consistently reducing water rescue search times by 90%. **AquaEye Pro is the fastest sonar system available.**

[aquaeye.com](http://aquaeye.com)

**AquaEye Pro is built for First Responders** who need to work quickly and search in tough and unpredictable conditions. AquaEye Pro helps first responders find drowning victims in even the harshest of environments, or helps them leave the scene with confidence knowing they have done everything possible to help.

## WHY AQUAEYE PRO

### FAST

AquaEye Pro is handheld, portable, and quick to deploy—**ready for action within seconds of arriving at the water's edge.** AquaEye Pro searches up to 1,000 sq. feet of water per second, searching a football field sized body of water in under 45 seconds.

### INTUITIVE YET POWERFUL

AquaEye Pro has an accurate and easy-to-use target detection system that **marks the exact location of a drowning victim** without the need to interpret complex sonar data. The built in signal strength indicator with easy-to-use gain adjust feature ensures reliability in all search environments.

### SAVED SCANS

**Scans are saved** and viewable on AquaEye Pro, and can be downloaded via Bluetooth or Wi-Fi to a phone, tablet, or computer. Operators can scan, and rescan, without losing past search information for improved post-operation reporting. There is an optional GPS upgrade for improved reporting & mapping.



# PRICE & OPTIONS

## AquaEye Pro - SCOUT

- Includes:
  - 1 AquaEye Pro device
  - 1-Year limited warranty
  - Online Training

Ideal For: Teams operating in simpler environments like lakes, beaches, or calm rivers, where conditions are more predictable. Great for getting started with AquaEye without compromising on core capability.

## AquaEye Pro - TACTICAL

- Includes:
  - 1 AquaEye Pro device
  - 3-Year limited warranty
  - On-board GPS with coordinates logged on all saved scans for improved operations reporting, post operation review and evidence preservation.
  - In Person Training - 1 Day in person training (travel included)

Ideal For: Teams operating in complex environments like murky water, docks/man-made structures, areas with heavy plant life or other underwater debris.

## AquaEye Pro - COMMAND

- Includes:
  - 2 AquaEye Pro devices
  - Command Hub with IP68 field tablet with mapping & search pattern integration
  - 5-Year limited warranty - includes firmware upgrades & enhancements
  - On-board GPS with coordinates logged on all saved scans with Command Hub Integration for broad search area coverage.
  - In Person Training - 1 Day in person training (travel included)

Ideal for: Teams that need a full, mission-ready solution capable of ending the search in the first hour. Includes a tablet for planning and reviewing scan data in complex environments.

# AQUAEYE PRO

## TECHNICAL SPECIFICATION SHEET

CATEGORY	SPECIFICATION
Model	AquaEye Pro
<b>PHYSICAL SPECIFICATIONS</b>	
Dimensions (L x W x H)	32.2 x 17.8 x 8.7 cm
Weight Buoyancy	1.3 kg Positive, 2N
<b>SONAR &amp; DETECTION CAPABILITIES</b>	
Beam Range	164 ft (50 m)
Pulse Frequency	220 kHz
<b>SCAN SPEED</b>	
Long Range	45 seconds per 180°
Medium Range	30 seconds per 180°
Short Range	30 seconds per 180°
<b>SEARCH SPEED</b>	
Long Range	87 m <sup>2</sup> /s (939 ft <sup>2</sup> /s)
Maximum Coverage	1000 ft <sup>2</sup> /s
<b>SEARCH RANGE OPTIONS</b>	
Short	6-33 ft (2-10 m)
Medium	6-66 ft (2-20 m)
Long	6-164 ft (2-50 m)
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature	-20 to 45°C
Storage Temperature	5 to 30°C
Maximum Submersion Depth	10 m
<b>POWER &amp; BATTERY</b>	
Power Supply Input	100-240 VAC, 50-60 Hz
Wireless Charging Power	15 W
Battery Type	Enclosed Lithium-Ion
Charge Time	5 hours
Search Time per Charge	10 hours
<b>DISPLAY &amp; CONNECTIVITY</b>	
Display Wireless	5-inch backlit LCD, sunlight-readable
Connectivity	Phone or tablet compatibility (Android & iOS)
Built-in GPS	Optional Upgrade
<b>DATA VISUALIZATION</b>	
Target Display	AI-Based Priority Targeting
Echo Map Display	Full-color raw sonar visualization
Overlay Display	AI-Based Priority Targeting overlaid on raw sonar visualization (Target Display + Echo Map Display)
Country of Origin	Canada