SHREE LALITA
SAFETY & RESCUE

UNDERWATER SCANNER
HANDHELD
SONAR DEVICE

SHREE LALITA
Managing Industrial Safety & Rescue

Underwater Scanner Handheld Sonar Device

Overview

AquaEye® from VodaSafe is an advanced underwater scanner uses the latest sonar technology as well as artificial intelligence to identify human bodies underwater and in waters with poor visibility. This lightweight, portable underwater sonar device enables rescuers to quickly get a clear view at the scene and locate potential victims within seconds. AquaEye is the first search and rescue product of its kind and supports water rescue and recovery of victims even from polluted waters.

Water rescue and recovery teams invest in AquaEye for three reasons:

- Speeding up rescues and recoveries
- Increase the safety of their own team
- Reduce resource consumption

AquaEye® is being used by Fire Rescue, Lifeguard, Law Enforcement and Search and Rescue teams to quickly locate a rescue or recovery target. AquaEye is the world's first handheld sonar device using artificial Intelligence to specifically search for humans in the water.

What It Does For Your Team

AquaEye handheld sonar enables rescuers to quickly access a scene and identify potential victims within seconds of entering the water.

Keeping your team safe is key, and the water is a dangerous place. By speeding up a search, AquaEye shortens the time your team is in the water.

Being efficient with your resources is also important. Teams tied up during a long water rescue or recovery create resource constraints which can lead to longer response times and increased labor hours

How It works

AquaEye® is an advanced underwater scanner, using the latest in ultrasound and artificial intelligence technologies to identify human bodies underwater.

AquaEye sends a sonar pulse out to 50 meters or 165 feet and listens for the return echo. AquaEye then decides which echoes match the echoes from a human body and indicates the location of the missing persons on the screen.

AquaEye can scan 1 acre of water in under 2 minutes.

Portable and Durable

In waterfront rescue, every second counts, which is why AquaEye is designed for grab and go situations. It will remain fully charged while on its charging dock and once removed will operate continuously for 8 hours before requiring a recharge. If an AquaEye® is left on standby without being used for long periods of time we recommend recharging it once every 2-3 months.

AquaEye® is designed to survive in real-world conditions. Rescuers operate in all weather and in unpredictable environments and their equipment must do the same. AquaEye® scanner quality is robust, buoyant, waterproof, can withstand salt and sand, and is built to sustain impact.

Aquaeye

Aquaeye Carry Case

Specifications

Aquaeye

Coverage Depth	50 meter range (164 ft)
Diving Depth	Up-to 5 meters (16-17 ft)
Different Scanning Range	- Short (10 meters) - Medium (20 meters) - Long (50 meters)
Floats	Yes
Weight	1.4 kg
Protection	IP68
Included Accessories	- Storage Case - Charging Cradle - Charging Cable - User Manual
Backlight	Yes
Storage	Room temperature, away from direct sunlight
Battery Life	8 hours continuous scanning (16 + hours search)
Warranty	- 1 year - Optional extended

Benefits

LARGE SEARCH AREA
- With AQUAEYE, up to 42000 square feet of water surface can be searched in less than 5 minutes.

ARTIFICIAL INTELLIGENCE
- AQUAEYE uses AI to decide which echoes match those of a human body, and displays the position of missing people on the screen.

SONARTECHNICS
- AQUAEYE transmits a sonar pulse to a depth of 50 meters or 165 feet and evaluates the returning echo using state-of-the-art sonar technology.

TEAM SAFETY
- With the AQUAEYE portable sonar, rescuers can quickly identify potential victims within seconds of being submerged in water. The safety of your rescue team is critical because water is often a dangerous place. This is especially true after a natural disaster.

RESOURCE-EFFICIENT
- By speeding up the search, AQUAEYE reduces the time your team spends in the water. Efficient use of your resources is also important. Teams tied up during a lengthy water rescue or recovery cause resource bottlenecks that can lead to longer response times and more man-hours.

GOOD READABILITY
- The operation of AQUAEYE is kept very simple and the device is quickly ready for use. The screens offer a high contrast and are also under water and especially

LOW OPERATING COSTS
- AQUAEYE is built to keep your costs down. Stable and durable on the one hand, and suitable for many different uses on the other.

aquaeye™ VODA SAFE

Fields of application

AquaEye® expands the range of options available to rescuers quickly and easily. It enables faster and safer rescues for responders, and it requires fewer personnel resources for a rescue mission.

AquaEye® AI supported SONAR technology is used in situations:

- In rescue operations (rescuing people or animals).
- In salvage operations (recovery of people or animals).
- In underwater object detection (AI can also detect objects).
- In clean or even very turbid water (beaches or river pools)
- In heavily polluted water after storms or disasters
- Use by professional rescue divers
- Use by lifeguards and lifeguards
- Use by fire departments
- Use by police
- Use by rescue organizations
- Application by military forces
- Application in diving or in open water / swimming
- Application near the beach / standing or kneeling
- Application from boats, jetties or in harbors
- Application from jet skis or surfboards
- Application in rivers, lakes or in the sea
- Application after flood disasters
- For the search of missing persons or animals

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