

# AQUASEND<sup>®</sup> BEACON

## INNOVATIVE AQUA FARM TECHNOLOGY. 40 YEARS OF GLOBAL RESEARCH.

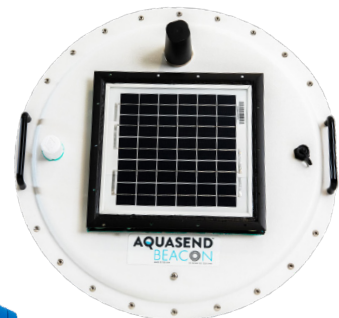
The Aquasend Beacon<sup>®</sup> collects and radio transmits water oxygen and temperature measurements for real-time management. The Beacon is solar powered, low maintenance, fouling resistant and resilient in all weather and intense farming environments.

The Beacon's optical oxygen sensor is factory calibrated to maintain accuracy for more than 12 months. Its LED lights correspond to prescribed water-quality levels and provide a visual notification of changing conditions. The sensors are integrated with a cloud-based data platform that allows farmers to receive set alerts and alarms in real-time from any location.

### FACTS AT A GLANCE

- Optical oxygen sensor is stable for more than a year before recalibration is required
- Innovative anti-fouling to ensure data quality
- Service-positioned product to match all farm budgets
- Aeration control option
- Constant updates and value added to software
- GPS positioning

### REAL-TIME WATER QUALITY MONITORING BUOY



**AQUASEND<sup>®</sup>**  
A PME BRAND

## SPECIFICATIONS:

PART NUMBER 7600, PATENT NUMBER NO. D837,078 S.

Oxygen Sensor Type	PME Optical Oxygen Sensor
Calibrated Range	0 to 150% saturation
Oxygen Accuracy	+/- 5% of the measurement or +/- 0.3 mg/L, whichever is larger
Oxygen Resolution	0.01 mg/L
Temperature Accuracy	+/- 0.1 degrees C
Temperature Range	0 to 35 degrees C
Temperature Resolution	10 millidegrees
Tilt Sensor	Monitors buoy rotation to detect movement
GPS	Buoy locator to understand pond location
Anti-fouling	Integrated wiper
Memory	Unlimited
Solar Panel	5 watt, 12V
Battery	Rechargeable, 12 VDC
Software	Provided. Data visualization with alerts.
Buoy Weight in Air	14.5 pounds
Dimensions	18.5 inches diameter x 15.5 inches in height
Power Requirements at the Farm	100 - 240V. Three-prong standard socket.
Buoy Antenna	900MHz
LED Indicator on Buoy	Flashes various colors to represent water conditions

Aquasend's technology has been proven under the scrutiny of the world's greatest research institutions. Each product is backed by **40 years** of research and innovation.

**CONTACT US** to put Aquasend's technology to work for your aqua farm.