

Catalog

AquaTech Solutions Advanced PCB Solutions for Aquaculture

Next-Generation Aquaculture Control

Our state-of-the-art PCB solutions revolutionize aquaculture management with precision monitoring, automated control systems, and real-time data analytics.

- Water Quality Monitoring (pH, DO, Temperature, Salinity)
- Automated Feeding Control Systems
- IoT Connectivity & Remote Monitoring
- Energy-Efficient Design
- Marine-Grade Waterproof Protection
- Scalable Architecture

Technical Specifications

| Parameter | Specification | Notes |
|-----------------------|------------------------|-------------------------|
| Operating Voltage | 12-24V DC | Wide input range |
| Power Consumption | ≤ 5W | Low power design |
| Operating Temperature | -20°C to +70°C | Extended range |
| Humidity Range | 0-95% RH | Non-condensing |
| IP Rating | IP67 | Waterproof enclosure |
| Communication | WiFi, Bluetooth, RS485 | Multiple protocols |
| Sensor Inputs | 8 Analog, 4 Digital | Expandable |
| Control Outputs | 6 Relay, 4 PWM | High current capability |

