Aquabotix
Endura 300
Remotely Operated Vehicle

The Aquabotix Endura 300 is the ultimate mini ROV. The Endura has been engineered for dependability and functionality across a wide-range of underwater applications. The Endura outperforms other mini ROVs in thrust, dependability and software performance. The stable platform is backed by a one-year manufacturer’s warranty. Steady, Strong and Straightforward, the Endura is intuitive to use and can be deployed in a variety of settings.

Product Features

- Five Swiss Made High Torque Motors
- Sensor Package including Depth, Temperature and Orientation
- 1080p True HD Camera with Tilt
- 100 m of Neutrally Buoyant Tether
- Depth Rating 300 meters
- 6 Pounds of Payload Capability
- High Intensity LED Lighting (4400 Lumens)
- Available Options Include: Side Scan Sonar, GPS, Scanning Sonar, DVL, USBL, Wi-Fi, Bluetooth, Manipulator Arm, Environmental Sensors, Fish Plow, Water Sample Collector, Laser Scaler, Magnetometer and Satellite Communications

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## TECHNICAL SPECIFICATIONS

### GENERAL
- **Depth rating**: 300 m (328 ft)
- **Length**: 70 cm (28 in)
- **Width**: 37 cm (15 in)
- **Height**: 30 cm (12 in)
- **Weight**: 6.8 kg (15 lbs)
- **Tether**: 100m Neutrally Buoyant
- **Payload**: 3 kg Capability (6 lbs.)

### THRUSTERS/PERFORMANCE
- **Configuration**: 2 Forward, 2 Vertical, 1 Pitch
- **Motor Type**: Rare Earth High Torque
- **Speed (sprint)**: 3 knots (5.6 km/h)
- **Speed (cruising)**: 1.5 knots (2.8 km/h)
- **Power**: Lithium Ion Battery
- **Run Time**: 4+ hours

### CAMERA/LIGHTING
- **Camera**: Wide Angle 1080p HD
- **Camera Focus**: Continuous (20 cm to Infinity)
- **Camera Tilt**: 160 Degrees
- **Lighting**: 4400 Lumens LED
- **Memory**: 32 GB High Speed

### VEHICLE PROCESSING
- **Processor Board**: Dual Core Cortex-A9 at 1 GHz
- **Operating System**: Embedded Linux, MOOS Open Source Application Environment
- **Vehicle**: Diagnostic Feedback Automation
- **Data, Sensor & Diagnostic Recording**

### CONTROL APPLICATIONS
- **iPad App**: Aquabotix on iTunes
- **Windows**: Aquabotix Windows App on Aquabotix.com

### INTEGRATED SENSORS
- **Orientation**
- **Water Temperature**
- **Depth**

## OPTIONS

### GENERAL
- **Tether**: Custom Lengths
- **Payload**: 3.6 kg Capability (8 lbs)
- **Manipulator Arm**: Various Attachments

### THRUSTERS/PERFORMANCE
- **Run Time**: 6+ hours (battery)
- **Speed (sprint)**: 5 knots (9.2 km/h)

### CAMERA/LIGHTING
- **External Camera**: Wide Angle 1080p HD
- **Tilt/Rotation**: 180 Degrees/360 Degrees
- **Lighting**: Additional 2200 Lumens each
- **Lighting Tracking External Camera**
- **Memory**: 128/256/512/1024/2048 GB

### OPTIONAL SENSORS
- **Side Scan Sonar**
- **Multibeam Sonar**
- **Environmental GPS**
- **USBL**
- **DVL**
- **Bluetooth**
- **Magnetometer**

### OPTIONAL ACCESSORIES
- **User Control Workstation**
- **Wi-Fi Communications**
- **Satellite Communications**
- **Water Sample Collector**
- **Fish Plow**
- **Maintenance Kit**
- **Spares Kit**
- **Laser Scaler**