**REMUS 600**

**AUTONOMOUS UNDERWATER VEHICLE**

**Applications**
- Hydrographic Surveys
- Marine Research
- Mine Countermeasure Operations
- Environmental Monitoring
- Dredge Field Mapping
- Search & Salvage Operations
- Fisheries Research

**Features**
- Littoral to Deep Operations
  The REMUS 600 has been designed to operate to depths of 600 meters. This highly versatile system can also be ordered and configured for 1500 meter operation.

- Go Further
  The REMUS 600 delivers unprecedented endurance, with mission duration capability of typically >20 hours. Upon mission completion, simply exchange the internal battery or order the optional rechargeable battery (battery life is subject to speed, sensor and payload configuration).

- Fully Modular
  The REMUS 600 has been designed with modularity in mind. The vehicle can be reconfigured for a wide variety of customer payloads. The vehicle is comprised of series of hull sections that can be rapidly exchanged for vehicle reconfiguration, maintenance and/or shipping.

- Increased Payload
  Designed to carry a range of payload options—standard and custom, wet and dry—depending on your mission requirements. It has the flexibility to exchange payloads or upgrade at a later date.

- Ease of Operation
  The REMUS 600 incorporates the same proven vehicle autonomy used in the complete family of REMUS vehicles. The stable and proven software makes vehicle maintenance, checkout, mission planning, and data analysis fast and easy. Mission operations, quick look indices, quality control checks, and a sophisticated data export capability all add to the flexible nature of this software package.

**Contact Information**

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Hydroid is a technology leader in advanced marine robotics specifically, autonomous underwater vehicles (AUVs). We design and manufacture state-of-the-art solutions for use in a number of applications including marine research, commercial and defense. Located in the U.S., Hydroid is a subsidiary of Bangor Meccano, the world’s most trusted manufacturer of AUVs. We provide innovative and reliable full-package solutions. Together, they represent the most advanced, diversified and field-proven family of AUVs and vehicle support systems in the world.

Developed by a team of engineers, our products and solutions provide a safe and reliable answer to the challenges that have traditionally hampered ocean expeditions.

### Customer Service Support 24

Hydroid’s 24-hour Customer Service helps field technicians offer excellent support and training. Whether through email, phone support or training, their goal is to make your mission a success.

We are able to track issues in a global database so that, whenever you contact us, we have the latest information related to your order and support history. While being an excellent solution for our customers, Support 24 also allows Hydroid to learn from the data we have collected in our database, and make changes to our products based on their feedback.

24 Hour Customer Service | +1 603-926-6200
Email: customerservice@hydroid.com

###顾客支持服务 24

Hydroid的24小时客户服务帮助现场技术人员提供卓越的支持和培训。无论是通过电子邮件、电话支持还是培训，他们的目标是使您的任务取得成功。

我们能够追踪问题在一个全球数据库中，所以，无论何时您联系我们，我们都有您订单和支持历史的最新信息。成为客户服务的极好解决方案，支持24也允许Hydroid从我们收集的数据中学习，并根据他们的反馈对我们的产品进行更改。

24小时客户服务 | +1 603-926-6200
邮箱：customerservice@hydroid.com

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**POWERFUL & VERSATILE**

**Standard System Configurations**

- **Deployment Vessel** (VIP):
  - Vehicle Interface Program (VIP)
  - GUI-based laptop interface for programming, training, documentation, monitoring, mission planning, vehicle checkout and data analysis.
  - Support 24 launch and recovery system (LARS)
  - Automated underwater vehicle (AUV) recovery system
  - GDP/Wi-Fi/Iridium, (GPS, Iridium, Wi-Fi and optional Freewave)

**Optional Equipment**

- **Up to 2 Battery Trays**
- **For Receptor for Ultra-High Bandwidth (USB) Connectivity**
- **Navigation**
- **AUV-Borne Hardware with Optional Processor**
- **Obstacle Avoidance System**

**Optional Sensors**

- **Dual Frequency Side Scan Sonar**
- **HSSM 2004 Synthetic Aperture Sonar**
- **Optical Environmental Characterization Sensors**
- **Video Camera**
- **Multi-Band EriS Tether (MBE)**
- **Ground Penetrating Radar (GPR)**
- **Sub-Bottom Profile (SBP)**
- **Fish Finding Echo Sounders**
- **Sonar**
- **Pressure Depth Sensor**
- **Doppler Velocity Log (DVL)**
- **Lidar (GPS, Iridium, Wi-Fi and Optional Freewave)**
- **Dynamically Focused Sidescan Sonar**
- **HiSAS 2040 Synthetic Aperture Sonar**

**Deployment Options**

- **Launch & Recovery System (LARS):**
  - The HYDROID LARS is designed to reduce the man hours required to repair or replace a damaged AUV with a new one.
  - The LARS can incorporate up to four (4) AUVs of differing configurations into the same system.

**Remus 600**

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>24 in (61 cm)</td>
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<tr>
<td>Depth</td>
<td>35 ft (10.5 m)</td>
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<tr>
<td>Weight</td>
<td>60 lbs (27 kg)</td>
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<tr>
<td>Speed</td>
<td>2 to 3 kts (3.7 to 5.5 m/s)</td>
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<tr>
<td>Range</td>
<td>20 miles (32 km)</td>
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<tr>
<td>Endurance</td>
<td>24 hours</td>
</tr>
<tr>
<td>Depth</td>
<td>600 meters (1500 meter configuration available)</td>
</tr>
<tr>
<td>Weight</td>
<td>300 lbs (135 kg)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>~3.2 m x 1.0 m (~11 ft x 3.3 ft)</td>
</tr>
</tbody>
</table>

**Software**

- **REMUS Vehicle Interface Program (VIP),** GUI-based laptop interface for programming, training, documentation, mission planning, vehicle checkout and data analysis.

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