CETIG · 华巽云科技投资控股集团 | 产品规格说明书 / Product Specification



水面救援机器人（双螺旋桨）HXY-S-01D

Surface Rescue Robot (Twin Propeller) HXY-S-01D

型号 SKU	HXY-S-01D
产品类别	水面救援装备 / Surface Rescue Equipment
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语言	中文 / English（双语）

1. 产品概述 Product Overview

HXY-S-01D 双螺旋桨水面救援机器人专为"黄金四分钟"而生：发现落水者后，可直接从岸边、桥梁或船上将其抛投入水（抛投高度≥30 米），机器人自动翻正即可遥控驶向落水者。空载航速≥14 节，续航超过 95 分钟，遥控距离达 2000 米并支持一键往返。

The HXY-S-01D twin-propeller rescue robot is built for the "golden four minutes": thrown from a shore, bridge or vessel (drop height ≥30m), it self-rights on impact and is immediately driven to the casualty at up to 14 knots unloaded. Endurance exceeds 95 minutes and remote control reaches 2,000m with one-key return.

≥400N 浮力与 600-1200kg 拖拽力可同时拖带多名落水者返航；支持正反面双面行驶，风浪中翻覆也不影响任务；GPS 定位与 IPX8 防水等级，使其成为洪涝、海钓、码头巡查等场景的高效救援利器。

With 400N+ buoyancy and 600–1,200kg of towing force it can bring multiple casualties back at once; dual-side driving keeps it mission-capable even when flipped in chop, and GPS positioning with IPX8 waterproofing make it a powerful tool for floods, sea fishing and harbor patrol.

2. 核心特点 Key Features

- **极速救援**：空载航速≥14节
  Rapid response: ≥14 knots unloaded
- **超长续航**：>95分钟
  Long endurance: 95+ minutes
- **远程操控**：遥控距离≥2000米，一键往返
  Long-range: ≥2,000m with one-key return
- **强力拖拽**：拖拽力600-1200kg
  Strong towing: 600–1,200kg
- **正反行驶**：双面行驶，翻覆不影响任务
  Flip-proof: drives on both sides
- **随抛随用**：可从30米高空抛投入水，IPX8防水
  Throw-and-go: 30m drop, IPX8

3. 技术规格 Technical Specifications

最大速度 Max Speed	**≥14节（空载）（≥14 knots (unloaded)）**

续航时间 Endurance	**>95min**
抛投高度 Drop Height	**≥30米（≥30 m）**
拖拽力 Towing Force	**600-1200kg**
浮力 Buoyancy	**≥400N**
遥控距离 Control Range	**≥2000m，一键往返（≥2,000m, one-key return）**
控制方式 Control	**遥控控制（Remote control）**
行驶方式 Driving Mode	**支持正反面双面行驶（Drives on both sides）**
定位方式 Positioning	**GPS**
防水等级 Waterproof Rating	**IPX8**
重量 Weight	**≤12.5kg**
外形尺寸 Dimensions	**1020×800×200mm**

4. 应用场景 Applications

- 江河、湖泊、水库等内陆水域的人员落水救援与物资投送
  Man-overboard rescue and payload delivery in rivers, lakes and reservoirs
- 近海、海岸线、港口与码头的巡逻值守与应急处置
  Patrol, standby and emergency response along coasts, harbours and piers
- 洪涝灾害、城市内涝等水域险情的快速抵近侦察
  Rapid close-range reconnaissance during floods and urban inundation
- 应急管理、海事、消防救援队伍的常态化训练与实战配备
  Routine training and operational deployment for emergency, maritime and fire rescue teams

5. 包装与交付 Packaging & Delivery

包装方式 Packing	**采用瓦楞纸箱（或按需求木箱）包装，内衬防震材料，适配长途海运与空运。** **Packed in corrugated cartons (or wooden cases on request) with shock-absorbing lining, suitable for long-distance sea and air freight.**
交付内容 Delivery Contents	**主机 / 整套装备、标准配件、中文与英文说明书、合格证、保修卡。**

	Main unit / complete set, standard accessories, Chinese and English manuals, certificate of conformity and warranty card.
定制服务 Customisation	**支持 OEM / ODM、标识定制、包装定制与说明书本地化，可按项目需求配置。** **OEM / ODM, logo and packaging customisation and manual localisation are available to project requirements.**
质保与售后 Warranty & Service	**整机质保 12 个月（易损件除外），提供远程技术支持与备件供应。** **12-month warranty for the main unit (consumable parts excluded), with remote technical support and spare-part supply.**
认证文件 Certification	**可按需要提供现有认证及检测报告文件，具体以实际获证情况为准。** **Existing certificates and test reports can be provided on request; actual certification status prevails.**

说明：本说明书所列技术参数为典型值，实际交付产品的规格可能因配置或改进而略有差异，以最终确认的技术协议与交付实物为准。本文件不含价格信息，商务条款请另行咨询。
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