



AGISTAR

# AGISTAR BX-USV

With its innovative design and limitless expansion capabilities, this platform is perfectly suited for the development of advanced robotic systems and for missions where human presence is either unnecessary, costly, or unsafe, offering a low-cost, sustainable solution for various maritime tasks.



## Fields:



### Scientific Mission

- Data collection
- Topography
- Hydrographic Surveys



### Surveillance

- Coastal and Harbor Surveillance.
- Border Security



### Transport

Food, Medical Kits,  
Lifebuoy, Tools, Drones



### Search & Rescue

- Supporting Lifeguard Efforts.
- Disaster Response



## A CUSTOMIZABLE ROBOT

Compact, small size, lightweight, autonomous and efficient, it integrates perfectly with the requirements of each project.

- ✓ Easy Deployment
- ✓ Simple to Use
- ✓ Low Maintenance
- ✓ Most Affordable

Ideal for tasks in constrained environments like narrow canals, shallow waters, marinas, where larger vessels cannot operate effectively.



## The multi-task USV

The USV can easily be customized either by you or by our team of engineers



Ideal for a variety of missions such as surveillance or data collection, it combines performance, reliability and controlled cost

### Product Specification

Run Time: 4 hours

Dimension: 830x532x300 mm (suitable for car trunk)

Weight: 5kg

Different Speed Mode: Economic: 2m/s or Fast Speed: 3m/s

Load Capacity: 10kg

Power Supply System: 2pc 12Ah lithium

Remote Control and Smartphone

Working Water Depth: < 0.1m; Draft 3~8 cm

Wind & Wave Class: <Strong Breeze, <2 meters of waves

Transmission: 20 km



The electronics compartments in the hull provide ample dry space for hardware integration, with access to power, communication links, and openings for connectors or cables.

It can be Equipped with advanced sensors (pH, temperature, dissolved oxygen, turbidity, etc.), it can perform precise measurements in real time while reducing the costs and risks associated with human operations.

**As an innovative company, we put our expertise and technology at the service of solutions that respect the ecosystem.**

**Water Perfection,  
Powered by Precision**

[www.agistar.fr](http://www.agistar.fr)

