

RIVERSCOUT

REDUCE THE RISK OF MISSIONS WITH COMMAND AND CONTROL THROUGH AN AUTONOMOUS TACTICAL ROBOT



OVERVIEW

RiverScout is a man portable Autonomous Surface Vessel (ASV) that has been developed to serve as a low cost ASV platform. The purpose of the ASV is to support complex brown & grey water operations.

The RiverScout uses advance technology in sensing, analyzing, communication, and navigation designated by an operator such as:

- Surveillance and reconnaissance
- Border and port security operations
- Shipboard protection and surface warfare
- Humanitarian assistance and disaster relief
- Hydrographic studies
- Information collection
- And MANY MORE!

This platform implements the U.S. Navy's first ASV for "brown water" environment technology to support combat operations or patrol waterways with virtual capabilities.



SPECIFICATIONS

DIMENSIONS

Length: 5'6"

Beam: 2'

Draft: 6"

WEIGHT

55 lbs.

PAYLOAD CAPACITY

50-75 lbs

MAX SPEED

20 knots

POWER SOURCE

24 volts DC

- Run time: 8 hrs. or more depending on payload

COMMUNICATION

DISTANCE

Up to 2 miles

SENSORS

Sonar, video, and radio communication platforms, LiDAR, plus MORE!

GPS SYSTEM

- Latitude
- Longitude
- Time and date
- Course over ground
- Speed over ground
- Magnetic variation
- Satellite status

PROPULSION

Single or dual jet propulsion

APPEARANCE

CUSTOM camouflage configurations available
3 HOIST POINTS

CAPABILITIES

- Agnostic platform capable of hosting technologies that include camera integration, post mission analysis, virtual testing, and more
- Host software interfaces through Internet Protocol (IP) radio to cameras using Joint Architecture for Unmanned Systems (JAUS)
- Integrations of Falcon View with dynamic waypoint tracking

CONTACT

SALES@SIMISINC.COM
757-399-4502
WWW.SIMISINC.COM