

# SROTA<sup>TM</sup>

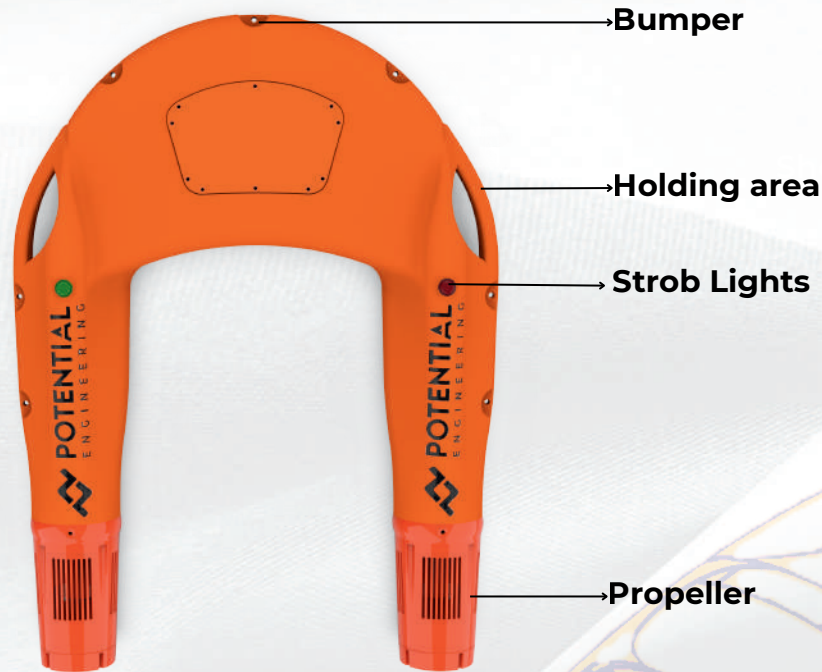
ROBOTIC LIFEBOUOY



 **POTENTIAL<sup>TM</sup>**  
ENGINEERING

GLOBAL LEADER &  
YOUR PARTNER IN  
WATER POLLUTANT REMOVAL  
SYSTEM

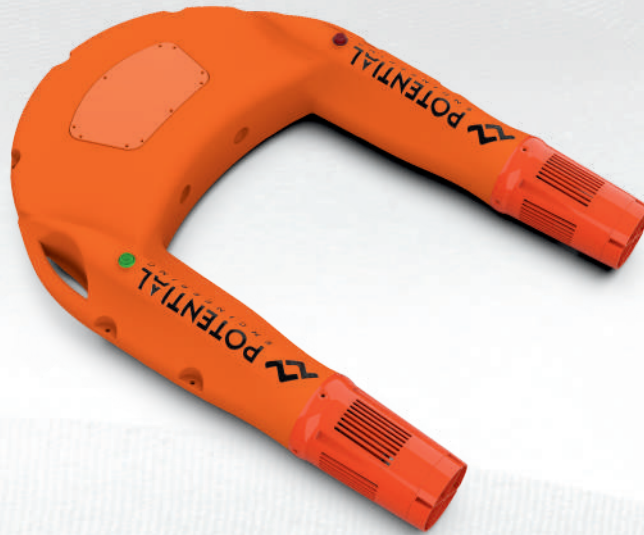
# SROTA™ - ROBOTIC LIFEBOUY



Potential Engineering's SROTA™ Robotic Lifebuoy is an innovative Water Rescue Equipment designed for seamless operation in challenging conditions. With a remarkable speed of 15 km/h and a load capacity of 200 kg, this remote-controlled buoy ensures swift and efficient rescue missions, even in stormy weather. Boasting robust construction, it can be thrown from heights up to 30 meters, continuing operations without interruption. The Rescue Attachment adaptability extends to night missions, aided by flashing lights. With a range of 2 Km line of sight and 60 minutes of operation, it's a versatile solution for various applications, from rescue to logistics. This product is IRS certified.

## APPLICATION

- Search & Rescue Operations in
  - Coastal Region
  - Beach
  - River Basins
  - Disaster prone area
  - Offshore Oil rigs



## ROBOT FEATURES

Size	115*80x25 [cm]
Weight	15 Kg
Material	HDPE
Speed	15 Km/h
Motors	Water proof BLDC
Endurance	60 Min
Payload	200 Kg
Power	Battery
Safety	Shock damper
Auto RTH	Autopilot + GPS
Flight Controller type	Proprietary
Motor Driver (ESC)	Proprietary
Drop Height	30 Meters

## REMOTE CONTROLLER

Type	3 / 4 Channel
Range	5000 Meters
Operating Frequency	2.4 GHz, 800 mHz with dual color LEDs.
Telemetry	Vehicle Battery Voltage Signal Quality
Connectivity	Bluetooth 5.0, WiFi
Endurance	6 hrs

## POWER

Battery Type	Li-ion
Capacity	26000 mAh
Charging Time	2 Hours
Safety	Over Temperature Low-Voltage

## ADDITIONAL HARDWARE

Lights	2000 Lumens (Optional)
Night Nav Light	3W dual flashing LED
Camera	On-Board HD Camera (Optional)
Carry Case	Rugged Case (Optional)
Reflector	(Optional)
Android display remote with GCS	(Optional)



**VIDEO LINK**



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